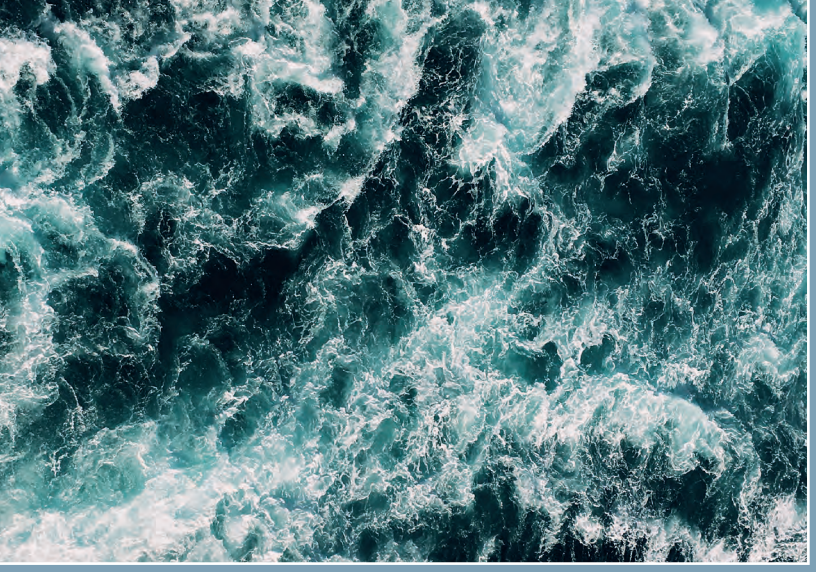
WISKA
make power smile

Catalogue Industry & Electrical Trade

Cable entries
Installation material







We are WISKA

We are a family-owned company founded in Hamburg in 1919 and have a passion for developing electrical installation materials, maritime lighting products and CCTV video surveillance systems that deliver our customers high quality and ease of operation.

We as manufacturer of ship installation materials know the harsh climate on the coast. These extreme conditions have shaped the demands on our products for over 100 years. The result is that everything we manufacture is high quality and made for the toughest environments.

Our Factory

At our headquarter´s site in Kaltenkirchen, north Hamburg, Germany, we have our factory with a high level of automated production, state-of-the-art integrated logistics as well as testing laboratories. The full supply chain at one site for our Industry & Trade business unit, offering high quality and maximum flexibility to our customers.









Made by WISKA

In order to deliver the best solutions and highest quality on time, we control every process of the entire supply chain ourselves. Research and development, design, purchasing, production, laboratory, marketing, sales and logistics as well as after-sales service – everything is in our hands and controlled by strict quality management.

Sustainability is important to us · we take responsibility for the environment, our employees and our entire supply chain.

The WISKA Team

It is important for us to know each other well and to have successful relationships with customers, partners and employees. This is done best through personal contact. That is why we at WISKA take the time to care for these relationships supported by a global network of sales partners and our own sales subsidiaries.

That means for you: we are always close by. Before, during and after sales.





High quality manufacturing and where it comes into place

Our cable glands, cable entries and junction boxes offer professional solutions for individual applications in different industries, which contribute to the reliable operational readiness of technical systems.



Cable Protection



Grommets



Cable Entry Systems



Cable Glands



Junction Boxes

Automation

Power Generation

Renewable Energy

Shipbuilding

Railway

Lighting

Machine and Plant Engineering

Electrical Industry

Plug and Connector Technology

Electrical Installation

Electromobility

Distribution

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Our Cable Glands

As early as the 1920s we developed the first plastic cable glands. Today we produce highly specialised polyamide components in-house at our company's steadily growing injection moulding facility.

Sealing inserts

Our extensive range of seals are available in various materials for special applications. These include, for example, applications at low temperatures or in the railway industry. Find out more on page 66.

Cap nuts

Our cable glands can be equipped with different cap nuts for individual requirements and offer the perfect solution for every application in combination with the matching fitting.



Fittings

With the typical WISKA clamping cage, which enables perfect strain relief, there are different variants of fittings. Due to our unique design of the thread pitch on the part of the fitting that mates with the cap nut, our SPRINT® cable glands are very vibration resistant.

SPRINT® Cable Gland System

Our SPRINT® system has been convincing for more than 30 years as an efficient and reliable system for the most versatile areas of application. Due to the large product variety, it is suitable for individual applications.





Our products at a glance

Polyamide cable glands and accessories (Page 8 · 21)



Zinc cable gland (Page 33)



Brass cable glands and accessories (Page 22 · 30)



Stainless steel cable glands and accessories (Page 31 · 33)



Explore more...

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SPRINT® Cable glands, ESKV, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Glow wire test 750 °C
Temperature range -40 °C - 100 °C
Material Gland Polyamide, Gasket EPDM

ESKV



Type	RAL 7035	RAL 7001	RAL 9005	RAL 3000	RAL 9001	Thread	Ø Cable in mm	PU
ESKV 12	10066410	10066380	10066120			M 12x1,5	3 - 7	50
ESKV 16	10066411	10066381	10066121			M 16x1,5	4,5 - 10	50
ESKV 20	10066412	10066382	10066122			M 20x1,5	6 - 13	50
ESKV 25	10066413	10066383	10066123	10060456	10102748	M 25x1,5	9 - 17	50
ESKV 32	10066414	10066384	10066124			M 32x1,5	13 - 21	25
ESKV 40	10066415	10066385	10066125			M 40x1,5	16 - 28	10
ESKV 50	10066416	10066386	10066126			M 50x1,5	21 - 35	4
ESKV 63	10066417	10066387	10066127			M 63x1,5	34 - 48	3
ESKV 75	10112775		10112776			M 75x1,5	48 – 62	1

ESKV-L, long thread



ESKV-L 12	10066390	10066516	10066500			M 12x1,5	3 - 7	50
ESKV-L 16	10066391	10066517	10066501			M 16x1,5	4,5 - 10	50
ESKV-L 20	10066392	10066518	10066502			M 20x1,5	6 - 13	50
ESKV-L 25	10066393	10066519	10066503			M 25x1,5	9 - 17	50
ESKV-L 32	10066394	10066520	10066504			M 32x1,5	13 - 21	25
ESKV-L 40	10066395	10066521	10066505			M 40x1,5	16 - 28	10
ESKV-L 50	10066396	10066522	10066506			M 50x1,5	21 - 35	10
ESKV-L 63	10066397	10066523	10066507			M 63x1,5	34 - 48	10

SPRINT® Cable gland extended clamping range, ESKV PLUS, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Glow wire test 750 °C
Temperature range -40 °C - 100 °C
Material Gland Polyamide, Gasket EPDM



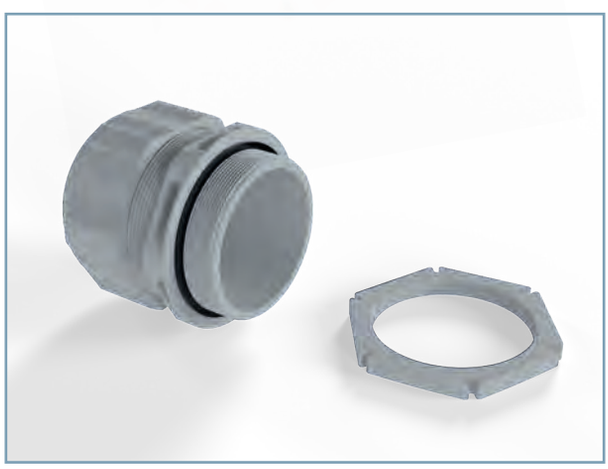
Type	RAL 7035	RAL 9005	RAL 3000	RAL 9001	Thread	Ø Cable in mm	PU
ESKV 20 PLUS	10061789	10061864	10100609	10100610	M 20x1,5	7,5 - 14	50
ESKV 25 PLUS	10110695	10110697			M 25x1,5	13 - 17,5	50
ESKV 32 PLUS	10110698	10110700			M 32x1,5	19 - 25	25
ESKV 40 PLUS	10110701	10110703			M 40x1,5	26 - 32	10
ESKV 50 PLUS	10110704	10110706			M 50x1,5	32 - 39	4

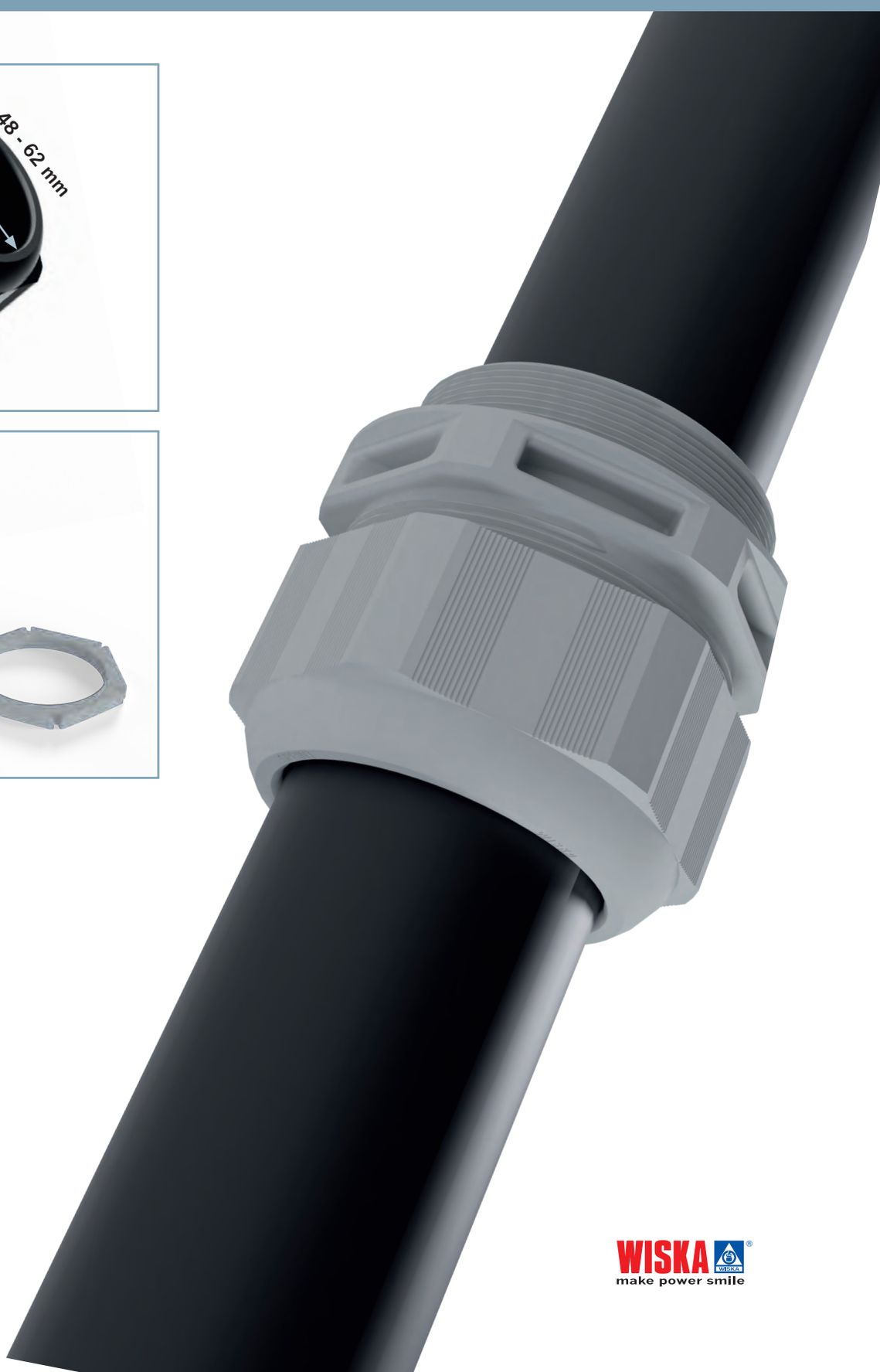
Our established ESKV in a bigger size!

Our **ESKV cable gland is now also available in size M75**. Perfect for installations with very large cable diameters.

The **matching locknut** can be found on page 16.







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SPRINT® Cable glands LowTemp, ESKV LT, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Glow wire test 750 °C
Temperature range -60 °C · 100 °C
Material Gland Polyamide, Gasket Silicone

ESKV LT



Type	RAL 7035	RAL 7001	RAL 9005	Thread	Ø Cable in mm	PU
ESKV 12 LT	10062763	10061917	10061490	M 12x1,5	3 · 7	50
ESKV 16 LT	10062777	10061957	10061499	M 16x1,5	4,5 · 10	50
ESKV 20 LT	10062778	10061121	10061509	M 20x1,5	6 · 13	50
ESKV 25 LT	10062779	10061463	10061518	M 25x1,5	9 · 17	50
ESKV 32 LT	10062780	10061491	10061799	M 32x1,5	13 · 21	25
ESKV 40 LT	10062781	10061500	10061853	M 40x1,5	16 · 28	10
ESKV 50 LT	10062782	10061510	10061866	M 50x1,5	21 · 35	4
ESKV 63 LT	10062800	10061644	10061911	M 63x1,5	34 · 48	3

ESKV-L LT, long thread



ESKV-L 12 LT	10062737	10061512	10061690	M 12x1,5	3 · 7	50
ESKV-L 16 LT	10062738	10061691	10061855	M 16x1,5	4,5 · 10	50
ESKV-L 20 LT	10062739	10061860	10061868	M 20x1,5	6 · 13	50
ESKV-L 25 LT	10062758	10061869	10061907	M 25x1,5	9 · 17	50
ESKV-L 32 LT	10062759	10061908	10061919	M 32x1,5	13 · 21	25
ESKV-L 40 LT	10062760	10061951	10061950	M 40x1,5	16 · 28	10
ESKV-L 50 LT	10062761	10061494	10061493	M 50x1,5	21 · 35	10
ESKV-L 63 LT	10062762	10061504	10061502	M 63x1,5	34 · 48	10

SPRINT® Cable gland flame-retardant, ESKV-F, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Glow wire test 960 °C
Temperature range -40 °C · 100 °C
Material Gland Polyamide, flame-retardant, Gasket EPDM



Type	RAL 7035	Thread	Ø Cable in mm	PU
ESKV-F 12	10064626	M 12x1,5	3 · 7	50
ESKV-F 16	10064627	M 16x1,5	4,5 · 10	50
ESKV-F 20	10064628	M 20x1,5	6 · 13	50
ESKV-F 25	10064629	M 25x1,5	9 · 17	50
ESKV-F 32	10064630	M 32x1,5	13 · 21	25
ESKV-F 40	10064631	M 40x1,5	16 · 28	10
ESKV-F 50	10064632	M 50x1,5	21 · 35	4
ESKV-F 63	10064633	M 63x1,5	34 · 48	3

SPRINT® Cable gland with accessories, ESKV-Set, with locknut and connection thread gasket, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Glow wire test 750 °C

Temperature range -40 °C - 100 °C
Material Gland Polyamide, Gasket EPDM



Type	RAL 7035	Thread	Ø Cable in mm	PU
ESKV-SET 12	10066524	M 12x1,5	3 - 7	50
ESKV-SET 16	10066525	M 16x1,5	4,5 - 10	50
ESKV-SET 20	10066526	M 20x1,5	6 - 13	50
ESKV-SET 25	10066527	M 25x1,5	9 - 17	50
ESKV-SET 32	10066528	M 32x1,5	13 - 21	25
ESKV-SET 40	10066529	M 40x1,5	16 - 28	10
ESKV-SET 50	10066530	M 50x1,5	21 - 35	4
ESKV-SET 63	10066531	M 63x1,5	34 - 48	3

SPRINT® Gland Pack, cable glands with accessories, GLP, with locknut, metric, EN 62444

Protection class IP69 / IP68 (5 bar 30 min) / IP69
Glow wire test 750 °C

Temperature range -40 °C - 100 °C
Material Gland Polyamide, Gasket EPDM



Type	RAL 7035	RAL 9005	RAL 3000	RAL 9001	Thread	Ø Cable in mm	PU
GLP12	10106662	10106820			M 12x1,5	3 - 7	10
GLP16	10106661	10106819			M 16x1,5	4,5 - 10	10
GLP20	10100613	10100612	10100614	10100611	M 20x1,5	7,5 - 14	10
GLP25	10106682	10106657	10109780	10106656	M 25x1,5	9 - 17	10
GLP25+	10111148	10111149			M 25x1,5	13 - 17,5	10
GLP32	10105302	10106658			M 32x1,5	13 - 21	10
GLP32+	10111080	10111081			M 32x1,5	18 - 25	10
GLP40	10106659	10106660			M 40x1,5	16 - 28	5
GLP40+	10111150	10111151			M 40x1,5	26 - 32	5
GLP50	10109781	10109782			M 50x1,5	21 - 35	5
GLP50+	10111152	10111153			M 50x1,5	32 - 39	5
GLP63	10109783				M 63x1,5	34 - 48	5

SPRINT® Cable gland with accessories, ESKV-RDE, with reduction sealing insert, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Glow wire test 750 °C

Temperature range -40 °C - 100 °C
Material Gland Polyamide, Gasket EPDM



Type	RAL 7035	RAL 7001	RAL 9005	Thread	Ø Cable in mm	PU
ESKV-RDE 12	10064976	10064984	10064992	M 12x1,5	1 - 7	50
ESKV-RDE 16	10064977	10064985	10064993	M 16x1,5	2 - 10	50
ESKV-RDE 20	10064978	10064986	10064994	M 20x1,5	4 - 13	50
ESKV-RDE 25	10064979	10064987	10064995	M 25x1,5	7 - 17	50
ESKV-RDE 32	10064980	10064988	10064996	M 32x1,5	9 - 21	25
ESKV-RDE 40	10064981	10064989	10064997	M 40x1,5	12 - 28	10
ESKV-RDE 50	10064982	10064990	10064998	M 50x1,5	16 - 35	4
ESKV-RDE 63	10064983	10064991	10064999	M 63x1,5	28 - 48	3

Other technical data on request / Subject to modifications and amendments

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SPRINT® Cable gland, NSKV, NPT

Protection class IP68 (5 bar 30 min) / IP69
Glow wire test 750 °C
Temperature range -40 °C · 100 °C
Material Gland Polyamide, Gasket EPDM



Type	RAL 7035	RAL 9005	Thread	Ø Cable in mm	PU
NSKV 1/4	10062655	10061854	NPT 1/4"	3 · 7	50
NSKV 3/8	10062656	10061867	NPT 3/8"	4,5 · 10	50
NSKV 1/2	10062657	10061906	NPT 1/2"	6 · 13	50
NSKV 3/4	10062658	10061918	NPT 3/4"	9 · 17	50
NSKV 1	10062659	10061041	NPT 1"	13 · 21	25
NSKV 1 1/4	10062731	10061492	NPT 1 1/4"	16 · 28	10
NSKV 1 1/2	10062732	10061501	NPT 1 1/2"	21 · 35	4
NSKV 2	10062736	10061511	NPT 2"	34 · 48	3

Cable gland, SKV, PG

Protection class IP68 (5 bar 30 min)
Glow wire test 750 °C
Temperature range -40 °C · 100 °C
Material Gland Polyamide, Gasket EPDM



Type	RAL 7035	RAL 7001	RAL 9005	Thread	Ø Cable in mm	PU
SKV 7	10066400	10066001	10066191	PG 7	3 · 6	50
SKV 9	10066401	10066002	10066192	PG 9	4 · 8	50
SKV 11	10066402	10066003	10066193	PG 11	5 · 10	50
SKV 13,5	10066403	10066004	10066194	PG 13,5	6 · 12	50
SKV 16	10066404	10066005	10066195	PG 16	8 · 14	50
SKV 21	10066405	10066006	10066196	PG 21	10 · 18	25
SKV 29	10066406	10066007	10066197	PG 29	16 · 25	20
SKV 36	10066407	10066008	10066198	PG 36	22 · 32	10
SKV 42	10066408	10066009	10066199	PG 42	28 · 38	5
SKV 48	10066409	10101793	10066200	PG 48	36 · 44	4

Cable gland with bend protection, SKVS, PG

Protection class IP68 (5 bar 30 min) / IP69
Glow wire test 750 °C
Temperature range -40 °C · 100 °C
Material Gland Polyamide, Gasket EPDM

SKVS



Type	RAL 7035	RAL 9005	Thread	Ø Cable in mm	PU
SKVS 7	10060615	10061871	PG 7	3 · 6,5	100
SKVS 9	10060616	10061872	PG 9	4 · 8	100
SKVS 11	10060617	10061873	PG 11	5 · 10	50
SKVS 13,5	10060618	10061874	PG 13,5	6 · 12	25
SKVS 16	10060619	10061875	PG 16	10 · 14	25
SKVS 21	10060620	10061876	PG 21	13 · 18	10

SPRINT® Cable glands with bend protection, ESKVS, metric, EN 62444

Protection class	IP68 (5 bar 30 min) / IP69
Glow wire test	750 °C
Temperature range	-40 °C · 100 °C
Material	Gland Polyamide, Gasket EPDM

ESKVS



Type	RAL 7035	RAL 9005	Thread	Ø Cable in mm	PU
ESKVS 12	10060757	10061276	M 12x1,5	3 · 7	100
ESKVS 16	10060758	10061277	M 16x1,5	4,5 · 10	100
ESKVS 20	10060759	10061278	M 20x1,5	6 · 13	50
ESKVS 25	10060760	10061279	M 25x1,5	9 · 17	25
ESKVS 32	10060761	10061283	M 32x1,5	13 · 21	10

ESKVS-L, long thread



ESKVS-L 12	10061210	10061215	M 12x1,5	3 · 7	100
ESKVS-L 16	10061211	10061216	M 16x1,5	4,5 · 10	100
ESKVS-L 20	10061212	10061217	M 20x1,5	6 · 13	50
ESKVS-L 25	10061213	10061219	M 25x1,5	9 · 17	25
ESKVS-L 32	10061214	10061220	M 32x1,5	13 · 21	10

SPRINT® Cable glands with external strain relief, ESKVZ, metric, EN 62444

Protection class	IP68 (5 bar 30 min) / IP69
Glow wire test	750 °C
Temperature range	-40 °C · 100 °C
Material	Gland Polyamide, Gasket EPDM

ESKVZ



Type	RAL 7035	RAL 9005	Thread	Ø Cable in mm	PU
ESKVZ 12	10060722	10061475	M 12x1,5	3 · 7	100
ESKVZ 16	10060723	10061476	M 16x1,5	4,5 · 10	100
ESKVZ 20	10060724	10061477	M 20x1,5	6 · 13	50
ESKVZ 25	10060725	10061478	M 25x1,5	9 · 17	25
ESKVZ 32	10060727	10061479	M 32x1,5	13 · 21	10

ESKVZ-L, long thread



ESKVZ-L 12	10061465	10061470	M 12x1,5	3 · 7	100
ESKVZ-L 16	10061466	10061471	M 16x1,5	4,5 · 10	100
ESKVZ-L 20	10061467	10061472	M 20x1,5	6 · 13	50
ESKVZ-L 25	10061468	10061473	M 25x1,5	9 · 17	25
ESKVZ-L 32	10061469	10061474	M 32x1,5	13 · 21	10

Other technical data on request / Subject to modifications and amendments

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SPRINT® Push-In cable glands

RoHS

Protection class	IP68 (5 bar 30 min) / IP69
Glow wire test	750 °C
Temperature range	-40 °C - 100 °C
Material	Gasket on cable EPDM, Gasket on housing TPE, polyamide cable gland

ESKV-P



Type	RAL 7035	RAL 9005	Connection	Ø Cable in mm	PU
ESKV-P 12	10112627	10112631	12	3 – 7	50
ESKV-P 16	10112628	10112632	16	4,5 – 10	50
ESKV-P 20	10112629	10112633	20	6 – 13	50
ESKV-P 25	10111963	10112062	25	9 – 17	25
ESKV-P 32	10112630	10112634	32	13 – 21	10

ESKVS-P, with bend protection



ESKVS-P 12	10112635	10112639	12	3 – 7	50
ESKVS-P 16	10112636	10112640	16	4,5 – 10	50
ESKVS-P 20	10112637	10112641	20	6 – 13	25
ESKVS-P 25	10112063	10112064	25	9 – 17	20
ESKVS-P 32	10112638	10112642	32	13 – 21	10

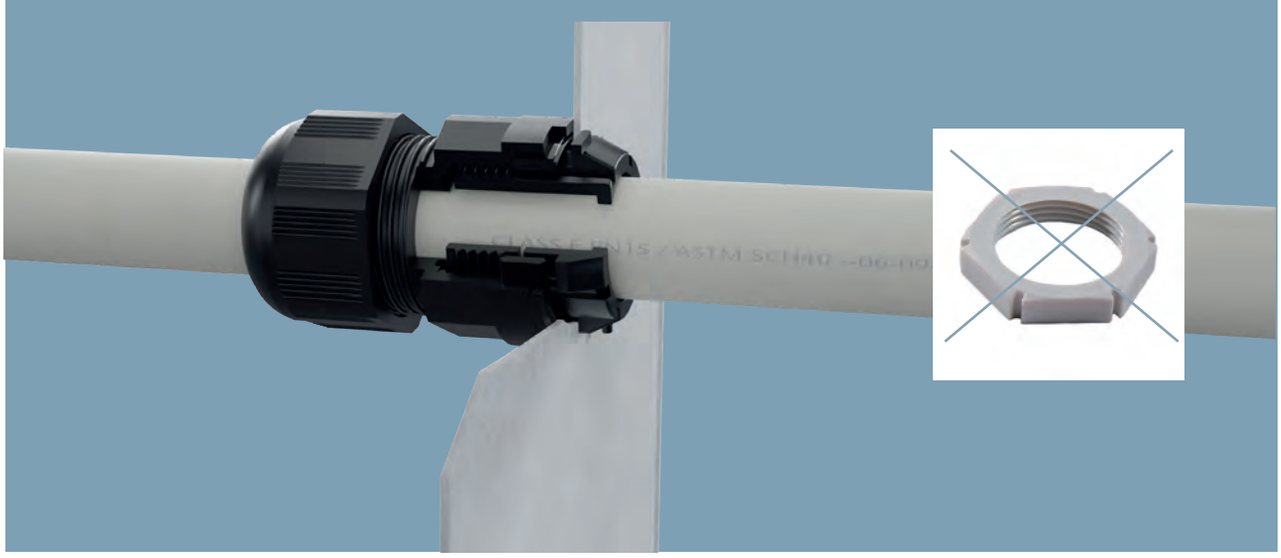
ESKVZ-P, with external strain relief



ESKVZ-P 12	10112643	10112647	12	3 – 7	50
ESKVZ-P 16	10112644	10112648	16	4,5 – 10	50
ESKVZ-P 20	10112645	10112649	20	6 – 13	25
ESKVZ-P 25	10112065	10112066	25	9 – 17	20
ESKVZ-P 32	10112646	10112650	32	13 – 21	10

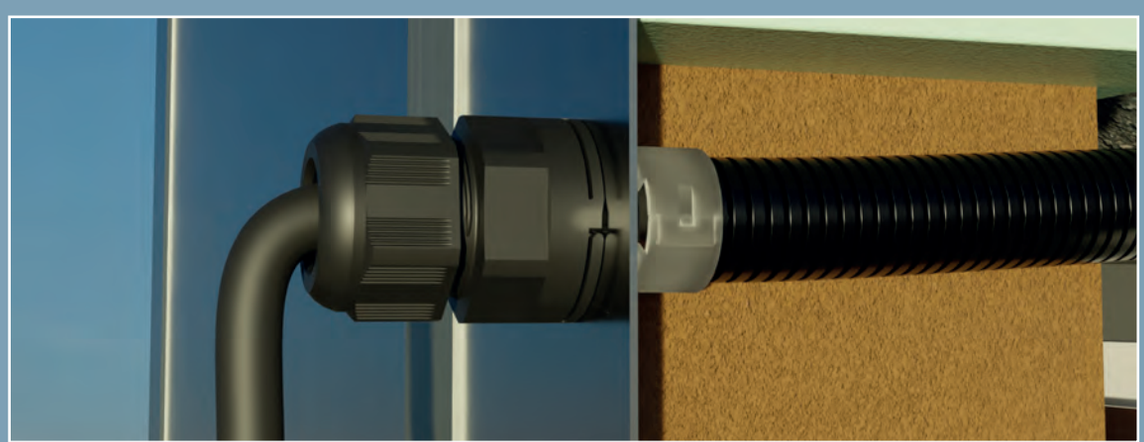
Push-In and Go!

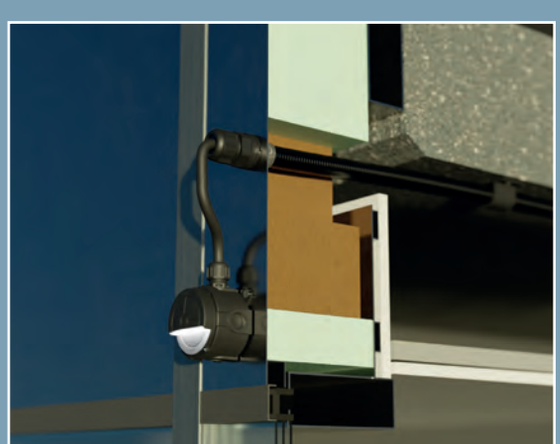
Push in, fasten from the outside, ready: no thread or need to open an enclosure. The **patented push-in function** makes installation quick and easy. It is an excellent option when access to an internal connection option is not possible. **The unique design allows the user to install a cable gland without the use of a locknut or threaded entry.**

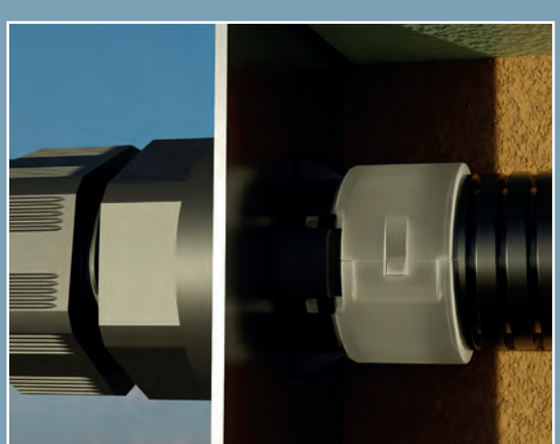


Seamless cable management

Designed to **simplify cable management when passing through walls or dividers**. This **innovative product seamlessly transitions from flexible conduit to cable gland**. The Facade gland streamlines the process, allowing for effectless installation and a professional finish. Wheather you are wiring a sensor, camera, lighting or other device the Facade gland delivers unmatched versatility and performance for residential, commercial or industrial applications.







SPRINT® Facade Gland

RoHS

Protection class	IP68 (5 bar 30 min)
Glow wire test	750 °C
Temperature range	-40 °C – 100 °C
Material	Gasket on cable EPDM, Gasket on housing TPE, polyamide cable gland, Adapter Polypropylen

	Type	RAL 9005	Connection	Ø Cable in mm	PU
	ESFD 25-17 BK	10112710	25	9 - 17	5

Other technical data on request / Subject to modifications and amendments

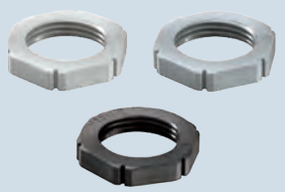
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SPRINT® Locknuts

RoHS

Temperature range -40 °C · 100 °C
Material Polyamide, fibre reinforced

EMUG, metric



Type	RAL 7035	RAL 7001	RAL 9005	Thread	PU
EMUG 12	10060770	10062712	10061780	M 12x1,5	100
EMUG 16	10060771	10062713	10061781	M 16x1,5	100
EMUG 20	10060772	10062714	10061782	M 20x1,5	100
EMUG 25	10060773	10062715	10061783	M 25x1,5	100
EMUG 32	10060774	10062716	10061784	M 32x1,5	100
EMUG 40	10060775	10062717	10061785	M 40x1,5	50
EMUG 50	10060776	10062718	10061786	M 50x1,5	25
EMUG 63	10060777	10062719	10061787	M 63x1,5	10
EMUG 75	10112777		10112778	M 75x1,5	1

MUG, PG



MUG 7	10060670		10060680	PG 7	100
MUG 9	10060671		10060681	PG 9	100
MUG 11	10060672		10060682	PG 11	100
MUG 13,5	10060673		10060683	PG 13,5	100
MUG 16	10060674		10060684	PG 16	100
MUG 21	10060675		10060685	PG 21	100
MUG 29	10060676		10060686	PG 29	50
MUG 36	10060677		10060687	PG 36	25
MUG 42	10060678		10060688	PG 42	25
MUG 48	10060679		10060689	PG 48	10

SPRINT® Locknut flame-retardant, EMUF, metric

RoHS

Glow wire test 960 °C
Temperature range -40 °C · 100 °C
Material Polyamide UL94-V0



Type	RAL 7035	RAL 9005	Thread	PU
EMUF 12	10060810	10061770	M 12x1,5	100
EMUF 16	10060811	10061771	M 16x1,5	100
EMUF 20	10060812	10061772	M 20x1,5	100
EMUF 25	10060813	10061773	M 25x1,5	100
EMUF 32	10060814	10061774	M 32x1,5	100
EMUF 40	10060815	10061775	M 40x1,5	50
EMUF 50	10060816	10061776	M 50x1,5	25
EMUF 63	10060817	10061777	M 63x1,5	10

Stop ends

Protection class IP56
Temperature range -40 °C - 100 °C
Material Polyamide, fibre reinforced
Advice: with gasket IP66/68

EVSG, metric



Type	RAL 7035	RAL 7001	RAL 9005	Thread	PU
EVSG 12	10060624	10062514	10061830	M 12x1,5	100
EVSG 16	10060625	10062515	10061831	M 16x1,5	100
EVSG 20	10060626	10062516	10061832	M 20x1,5	100
EVSG 25	10060627	10062517	10061833	M 25x1,5	100
EVSG 32	10060628	10062518	10061834	M 32x1,5	100
EVSG 40	10060629	10062519	10061835	M 40x1,5	50
EVSG 50	10060630	10062520	10061836	M 50x1,5	50
EVSG 63	10060631	10062521	10061837	M 63x1,5	25

EVSG, metric



Type	RAL 7035			Thread	PU
EVSG 12	10064666			M 12x1,5	100
EVSG 16	10064667			M 16x1,5	100
EVSG 20	10064668			M 20x1,5	100
EVSG 25	10064669			M 25x1,5	100
EVSG 32	10064670			M 32x1,5	100
EVSG 40	10064671			M 40x1,5	50
EVSG 50	10064672			M 50x1,5	50
EVSG 63	10064673			M 63x1,5	25

VSG, PG



VSG 7	50060728			PG 7	100
VSG 9	50060729			PG 9	100
VSG 11	50060730			PG 11	100
VSG 13,5	50060731			PG 13,5	100
VSG 16	10060732			PG 16	100
VSG 21	50060733			PG 21	100
VSG 29	50060734			PG 29	100
VSG 36	50060735			PG 36	25
VSG 42	50060736			PG 42	25
VSG 48	50060737			PG 48	25

Elbow 90°, EWI90, metric

Temperature range -40 °C - 100 °C
Material Polyamide



Type	RAL 7035	RAL 9005	Thread	PU
EWI90 12	10110774	10110782	M 12x1,5	10
EWI90 16	10110775	10110783	M 16x1,5	10
EWI90 20	10110776	10110784	M 20x1,5	10
EWI90 25	10110777	10110785	M 25x1,5	10
EWI90 32	10110778	10110786	M 32x1,5	5
EWI90 40	10110779	10110787	M 40x1,5	5
EWI90 50	10110780	10110788	M 50x1,5	5
EWI90 63	10110781	10110789	M 63x1,5	5

Other technical data on request / Subject to modifications and amendments

Enlargement adaptors

RoHS

Temperature range -40 °C - 100 °C
Material Polyamide, fibre reinforced

KEM, metric-metric



Type	RAL 7035	Thread from	Thread to	PU
KEM 12/16	10063570	M 12x1,5	M 16x1,5	100
KEM 16/20	10063571	M 16x1,5	M 20x1,5	100
KEM 20/25	10063572	M 20x1,5	M 25x1,5	100
KEM 25/32	10063573	M 25x1,5	M 32x1,5	100
KEM 32/40	10063574	M 32x1,5	M 40x1,5	50
KEM 40/50	10063575	M 40x1,5	M 50x1,5	25
KEM 50/63	10063576	M 50x1,5	M 63x1,5	5

KEP, PG-PG



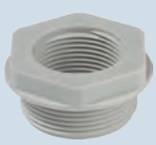
KEP 7/9	10063595	PG 7	PG 9	100
KEP 9/11	10063596	PG 9	PG 11	100
KEP 11/13,5	10063597	PG 11	PG 13,5	100
KEP 13,5/16	10063598	PG 13,5	PG 16	100
KEP 16/21	10063599	PG 16	PG 21	50
KEP 21/29	10063600	PG 21	PG 29	25
KEP 29/36	10063601	PG 29	PG 36	20
KEP 36/42	10063602	PG 36	PG 42	10
KEP 42/48	10063603	PG 42	PG 48	5

Reduction adaptors

RoHS

Temperature range -40 °C - 100 °C
Material Polyamide, fibre reinforced

KRM, metric-metric



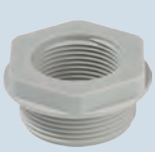
Type	RAL 7035	RAL 9005	Thread from	Thread to	PU
KRM 16/12	10063577		M 16x1,5	M 12x1,5	100
KRM 20/12	10063578		M 20x1,5	M 12x1,5	100
KRM 20/16	10063579		M 20x1,5	M 16x1,5	100
KRM 25/12	10063580		M 25x1,5	M 12x1,5	100
KRM 25/16	10063581		M 25x1,5	M 16x1,5	100
KRM 25/20	10063582	10063807	M 25x1,5	M 20x1,5	100
KRM 32/16	10063583		M 32x1,5	M 16x1,5	50
KRM 32/20	10063584		M 32x1,5	M 20x1,5	50
KRM 32/25	10063585		M 32x1,5	M 25x1,5	50
KRM 40/20	10063586		M 40x1,5	M 20x1,5	25
KRM 40/25	10063587		M 40x1,5	M 25x1,5	25
KRM 40/32	10063588		M 40x1,5	M 32x1,5	25
KRM 50/25	10063589		M 50x1,5	M 25x1,5	5
KRM 50/32	10063590		M 50x1,5	M 32x1,5	5
KRM 50/40	10063591		M 50x1,5	M 40x1,5	5
KRM 63/32	10063592		M 63x1,5	M 32x1,5	5
KRM 63/40	10063593		M 63x1,5	M 40x1,5	5
KRM 63/50	10063594		M 63x1,5	M 50x1,5	5

KRP, PG-PG



KRP 9/7	10063604		PG 9	PG 7	100
KRP 11/9	10063606		PG 11	PG 9	100
KRP 13,5/9	10063608		PG 13,5	PG 9	100
KRP 13,5/11	10063609		PG 13,5	PG 11	100
KRP16/11	10063611		PG 16	PG 11	100
KRP 16/13,5	10063612		PG 16	PG 13,5	100

KRP, PG-PG



KRP 11/7	10063605		PG 11	PG 7	100
KRP 13,5/7	10063607		PG 13,5	PG 7	100
KRP 16/9	10063610		PG 16	PG 9	100
KRP 21/11	10063613		PG 21	PG 11	100
KRP 21/13,5	10063614		PG 21	PG 13,5	100
KRP 21/16	10063615		PG 21	PG 16	100
KRP 29/13,5	10063616		PG 29	PG 13,5	50
KRP 29/16	10063617		PG 29	PG 16	50
KRP 29/21	10063618		PG 29	PG 21	50
KRP 36/16	10063619		PG 36	PG 16	25
KRP 36/21	10063620		PG 36	PG 21	25
KRP 36/29	10063621		PG 36	PG 29	25
KRP 42/21	10063622		PG 42	PG 21	5
KRP 42/29	10063623		PG 42	PG 29	5
KRP 42/36	10063624		PG 42	PG 36	5
KRP 48/29	10063625		PG 48	PG 29	5
KRP 48/36	10063626		PG 48	PG 36	5
KRP 48/42	10063627		PG 48	PG 42	5

Other technical data on request / Subject to modifications and amendments

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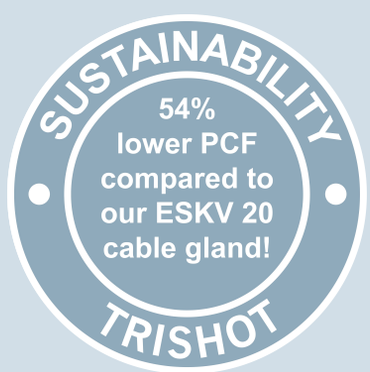
The Future of Cable Glands: TriShot®

The TriShot® gland is more than just a new cable gland. It is the result of our continued drive to push boundries and possibilities.To be a pioneer and lead the way through 3 core principles: **Innovation, Sustainability and Performance.**



The TriShot® is the world first **3-shot injection moulded** cable gland. Its considered design has helped reduce material waste, energy consumption, assemble time and streamline the production propose, whilst at the same time ensuring the product performs to the highest standards.

Boosting an impressive 54 % reduction in its **Product Carbon Footprint** compared to our cable glands TriShot® has excellent sustainability credentials.





IP68 protection, built-in seal, excellent strain relief, wide clamping range and fast installation time are just some of the features that ensure the **TriShot® performances under the toughest of circumstances.** All tested by our team of high skilled designers and engineers at our state-of-the-art laboratory facilities in WISKA Germany.

TriShot®, ETKV, metric

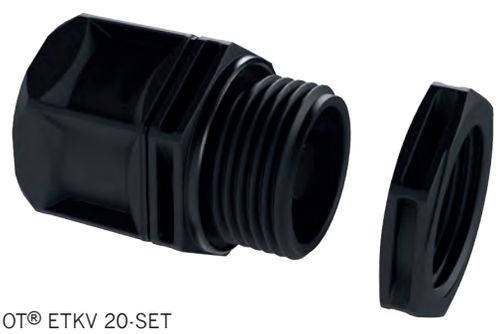
Protection class IP68 (1 bar 12 h)
Glow wire test 750 °C
Temperature range -40 °C – 100 °C
Material Gland Polypropylene, Polyamide, Gasket TPE

	Type	RAL 7035	RAL 9005	RAL 3000	RAL 9001	Thread	Ø Cable in mm	PU
	TRISHOT® ETKV 20	10112713	10112714			M 20x1,5	6 – 14	50
	TRISHOT® ETKV 20-SET	10112715	10112716	10112912	10112913	M 20x1,5	6 – 14	50

TriShot by WISKA



TRISHOT® ETKV



TRISHOT® ETKV 20-SET



Other technical data on request / Subject to modifications and amendments

WISKA make power smile

SPRINT® Cable glands, EMSKV, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C · 100 °C
Material Gland Brass nickel-plated, Clamping cage Polyamide, Gasket EPDM

EMSKV



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKV 12	10065000	M 12x1,5	3 · 7	50
EMSKV 16	10065001	M 16x1,5	4,5 · 10	50
EMSKV 20	10065002	M 20x1,5	6 · 13	50
EMSKV 25	10065003	M 25x1,5	9 · 17	50
EMSKV 32	10065004	M 32x1,5	13 · 21	25
EMSKV 40	10065005	M 40x1,5	16 · 28	10
EMSKV 50	10065006	M 50x1,5	21 · 35	10
EMSKV 63	10065007	M 63x1,5	34 · 48	10
EMSKV 75	10100865	M 75x1,5	48 · 62	1

EMSKV-L, long thread



EMSKV-L 12	10065008	M 12x1,5	3 · 7	50
EMSKV-L 16	10065009	M 16x1,5	4,5 · 10	50
EMSKV-L 20	10065010	M 20x1,5	6 · 13	50
EMSKV-L 25	10065011	M 25x1,5	9 · 17	50
EMSKV-L 32	10065012	M 32x1,5	13 · 21	25
EMSKV-L 40	10065013	M 40x1,5	16 · 28	10
EMSKV-L 50	10065014	M 50x1,5	21 · 35	10
EMSKV-L 63	10065015	M 63x1,5	34 · 48	10

SPRINT® Cable gland with locknut, EMSKV-SET, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C · 100 °C
Material Gland Brass nickel-plated, Clamping cage Polyamide, Gasket EPDM



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKV-SET 12	10065032	M 12x1,5	3 · 7	50
EMSKV-SET 16	10065033	M 16x1,5	4,5 · 10	50
EMSKV-SET 20	10065034	M 20x1,5	6 · 13	50
EMSKV-SET 25	10065035	M 25x1,5	9 · 17	50
EMSKV-SET 32	10065036	M 32x1,5	13 · 21	25
EMSKV-SET 40	10065037	M 40x1,5	16 · 28	10
EMSKV-SET 50	10065038	M 50x1,5	21 · 35	10
EMSKV-SET 63	10065039	M 63x1,5	34 · 48	10

SPRINT® Cable glands LowTemp, EMSKV LT, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -60 °C · 100 °C
Material Gland Brass nickel-plated, Clamping cage Polyamide, Gasket Silicone

EMSKV LT



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKV 12 LT	10065800	M 12x1,5	3 · 7	50
EMSKV 16 LT	10065801	M 16x1,5	4,5 · 10	50
EMSKV 20 LT	10065802	M 20x1,5	6 · 13	50
EMSKV 25 LT	10065803	M 25x1,5	9 · 17	50
EMSKV 32 LT	10065804	M 32x1,5	13 · 21	25
EMSKV 40 LT	10065805	M 40x1,5	16 · 28	10
EMSKV 50 LT	10065806	M 50x1,5	21 · 35	10
EMSKV 63 LT	10065807	M 63x1,5	34 · 48	10

EMSKV-L LT, long thread



EMSKV-L 12 LT	10065808	M 12x1,5	3 · 7	50
EMSKV-L 16 LT	10065809	M 16x1,5	4,5 · 10	50
EMSKV-L 20 LT	10065810	M 20x1,5	6 · 13	50
EMSKV-L 25 LT	10065811	M 25x1,5	9 · 17	50
EMSKV-L 32 LT	10065812	M 32x1,5	13 · 21	25
EMSKV-L 40 LT	10065813	M 40x1,5	16 · 28	10
EMSKV-L 50 LT	10065814	M 50x1,5	21 · 35	10
EMSKV-L 63 LT	10065815	M 63x1,5	34 · 48	10

Other technical data on request / Subject to modifications and amendments

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SPRINT® Cable gland, NMSKV, NPT

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C - 100 °C
Material Gland Brass nickel-plated, Clamping cage Polyamide, Gasket EPDM



Type	Order No.	Thread	Ø Cable in mm	PU
NMSKV 1/4	10065480	NPT 1/4"	3 - 7	50
NMSKV 3/8	10065481	NPT 3/8"	4,5 - 10	50
NMSKV 1/2	10065482	NPT 1/2"	6 - 13	50
NMSKV 3/4	10065483	NPT 3/4"	9 - 17	50
NMSKV 1	10065484	NPT 1"	13 - 21	25
NMSKV 1 1/4	10065485	NPT 1 1/4"	16 - 28	10
NMSKV 1 1/2	10065486	NPT 1 1/2"	21 - 35	10
NMSKV 2	10065487	NPT 2"	34 - 48	10

SPRINT® Cable glands with bend protection, EMSKVS, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C - 100 °C
Material Gland Brass nickel-plated, Clamping cage Polyamide, Gasket EPDM

EMSKVS



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKVS 16	10065831	M 16x1,5	4,5 - 10	50
EMSKVS 20	10065832	M 20x1,5	6 - 13	50
EMSKVS 25	10065833	M 25x1,5	9 - 17	25
EMSKVS 32	10065834	M 32x1,5	13 - 21	25
EMSKVS 40	10065835	M 40x1,5	16 - 28	10
EMSKVS 50	10065836	M 50x1,5	21 - 35	10
EMSKVS 63	10065837	M 63x1,5	34 - 48	10

EMSKVS-L, long thread



EMSKVS-L 16	10065851	M 16x1,5	4,5 - 10	50
EMSKVS-L 20	10065852	M 20x1,5	6 - 13	50
EMSKVS-L 25	10065853	M 25x1,5	9 - 17	25
EMSKVS-L 32	10065854	M 32x1,5	13 - 21	25
EMSKVS-L 40	10065855	M 40x1,5	16 - 28	10
EMSKVS-L 50	10065856	M 50x1,5	21 - 35	10
EMSKVS-L 63	10065857	M 63x1,5	34 - 48	10

SPRINT® Cable glands with external strain relief, EMSKVZ, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C - 100 °C
Material Gland Brass nickel-plated, Clamping cage Polyamide, Gasket EPDM

EMSKVZ



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKVZ 16	10065351	M 16x1,5	4,5 - 10	25
EMSKVZ 20	10065352	M 20x1,5	6 - 13	25
EMSKVZ 25	10065353	M 25x1,5	9 - 17	25
EMSKVZ 32	10065354	M 32x1,5	13 - 21	10
EMSKVZ 40	10065355	M 40x1,5	16 - 28	5
EMSKVZ 50	10065356	M 50x1,5	21 - 35	5
EMSKVZ 63	10065357	M 63x1,5	34 - 48	5

EMSKVZ-L, long thread



EMSKVZ-L 16	10065860	M 16x1,5	4,5 - 10	25
EMSKVZ-L 20	10065861	M 20x1,5	6 - 13	25
EMSKVZ-L 25	10065862	M 25x1,5	9 - 17	25
EMSKVZ-L 32	10065863	M 32x1,5	13 - 21	10
EMSKVZ-L 40	10065864	M 40x1,5	16 - 28	5
EMSKVZ-L 50	10065865	M 50x1,5	21 - 35	5
EMSKVZ-L 63	10065866	M 63x1,5	34 - 48	5

Cable gland, MSKV, PG

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C - 100 °C
Material Gland Brass nickel-plated, Clamping cage Polyamide, Gasket TPV



Type	Order No.	Thread	Ø Cable in mm	PU
MSKV 7	10062281	PG 7	3 - 6,5	50
MSKV 9	10062282	PG 9	4 - 8	50
MSKV 11	10062283	PG 11	5 - 10	50
MSKV 13,5	10062284	PG 13,5	6 - 12	50
MSKV 16	10062285	PG 16	10 - 14	50
MSKV 21	10062286	PG 21	13 - 18	50
MSKV 29	10062287	PG 29	18 - 25	25
MSKV 36	10062288	PG 36	22 - 32	10
MSKV 42	10062289	PG 42	30 - 38	10
MSKV 48	10062290	PG 48	34 - 44	10

ShotGLAND Compression cable gland, EMCGV, metric, EN 62444

RoHS

Protection class IP68 (5 bar 30 min)
Temperature range -40 °C · 120 °C
Material Gland Brass nickel-plated, Gasket EPDM



Type	Order No.	Thread	Ø Cable in mm	PU
EMCGV 8·030	10106389	M 8x1,25	2 · 3,3	50
EMCGV 8·040	10106390	M 8x1,25	3 · 4,3	50
EMCGV 8·050	10106391	M 8x1,25	4 · 5,3	50
EMCGV 12·030	10106392	M 12x1,5	2 · 3	50
EMCGV 12·050	10106393	M 12x1,5	3 · 5	50
EMCGV 12·070	10106394	M 12x1,5	5 · 7	50
EMCGV 12·090	10106395	M 12x1,5	7 · 9	50
EMCGV 16·040	10106396	M 16x1,5	2 · 4	50
EMCGV 16·060	10106397	M 16x1,5	4 · 6	50
EMCGV 16·080	10106398	M 16x1,5	6 · 8	50
EMCGV 16·100	10106399	M 16x1,5	8 · 10	50
EMCGV 16·120	10106400	M 16x1,5	10 · 12	50
EMCGV 20·060	10106401	M 20x1,5	4 · 6	50
EMCGV 20·080	10106402	M 20x1,5	6 · 8	50
EMCGV 20·100	10106403	M 20x1,5	8 · 10	50
EMCGV 20·120	10106404	M 20x1,5	10 · 12	50
EMCGV 20·140	10106405	M 20x1,5	12 · 14	50
EMCGV 20·160	10106406	M 20x1,5	14 · 16	50
EMCGV 25·080	10106407	M 25x1,5	6 · 8	50
EMCGV 25·100	10106408	M 25x1,5	8 · 10	50
EMCGV 25·120	10106409	M 25x1,5	10 · 12	50
EMCGV 25·140	10106410	M 25x1,5	12 · 14	50
EMCGV 25·160	10106411	M 25x1,5	14 · 16	50
EMCGV 25·170	10106412	M 25x1,5	15 · 17	50
EMCGV 32·110	10106413	M 32x1,5	9 · 11	25
EMCGV 32·130	10106414	M 32x1,5	11 · 13	25
EMCGV 32·150	10106415	M 32x1,5	13 · 15	25
EMCGV 32·180	10106416	M 32x1,5	16 · 18	25
EMCGV 32·200	10106417	M 32x1,5	18 · 20	25
EMCGV 32·230	10106419	M 32x1,5	21 · 23	25
EMCGV 40·180	10106420	M 40x1,5	16 · 18	10
EMCGV 40·200	10106421	M 40x1,5	18 · 20	10
EMCGV 40·220	10106422	M 40x1,5	20 · 22	10
EMCGV 40·240	10106423	M 40x1,5	22 · 24	10
EMCGV 40·260	10106424	M 40x1,5	24 · 26	10
EMCGV 40·290	10106425	M 40x1,5	26 · 29	10
EMCGV 50·280	10106426	M 50x1,5	26 · 28	10
EMCGV 50·300	10106427	M 50x1,5	28 · 30	10
EMCGV 50·320	10106428	M 50x1,5	30 · 32	10
EMCGV 50·340	10106429	M 50x1,5	32 · 34	10
EMCGV 50·360	10106430	M 50x1,5	34 · 36	10
EMCGV 50·380	10106431	M 50x1,5	36 · 38	10
EMCGV 63·350	10106432	M 63x1,5	33 · 35	10
EMCGV 63·380	10106433	M 63x1,5	35 · 38	10
EMCGV 63·410	10106434	M 63x1,5	38 · 41	10
EMCGV 63·440	10106435	M 63x1,5	41 · 44	10
EMCGV 63·470	10106436	M 63x1,5	44 · 47	10
EMCGV 63·490	10106437	M 63x1,5	47 · 49	10

ShotGland Compression cable gland LowTemp, EMCGV LT, metric, EN 62444

RoHS

Protection class IP68 (5 bar 30 min)
Temperature range -60 °C · 180 °C
Material Gland Brass nickel-plated, Gasket Silicone



Type	Order No.	Thread	Ø Cable in mm	PU
EMCGV 8·030 LT	10106492	M 8x1,25	2 · 3,3	50
EMCGV 8·040 LT	10106493	M 8x1,25	3 · 4,3	50
EMCGV 8·050 LT	10106494	M 8x1,25	4 · 5,3	50
EMCGV 12·030 LT	10106495	M 12x1,5	2 · 3	50
EMCGV 12·050 LT	10106496	M 12x1,5	3 · 5	50
EMCGV 12·070 LT	10106497	M 12x1,5	5 · 7	50
EMCGV 12·090 LT	10106498	M 12x1,5	7 · 9	50
EMCGV 16·040 LT	10106499	M 16x1,5	2 · 4	50
EMCGV 16·060 LT	10106500	M 16x1,5	4 · 6	50
EMCGV 16·080 LT	10106501	M 16x1,5	6 · 8	50
EMCGV 16·100 LT	10106502	M 16x1,5	8 · 10	50
EMCGV 16·120 LT	10106503	M 16x1,5	10 · 12	50
EMCGV 20·060 LT	10106504	M 20x1,5	4 · 6	50
EMCGV 20·080 LT	10106505	M 20x1,5	6 · 8	50
EMCGV 20·100 LT	10106506	M 20x1,5	8 · 10	50
EMCGV 20·120 LT	10106507	M 20x1,5	10 · 12	50
EMCGV 20·140 LT	10106508	M 20x1,5	12 · 14	50
EMCGV 20·160 LT	10106509	M 20x1,5	14 · 16	50
EMCGV 25·080 LT	10106510	M 25x1,5	6 · 8	50
EMCGV 25·100 LT	10106511	M 25x1,5	8 · 10	50
EMCGV 25·120 LT	10106512	M 25x1,5	10 · 12	50
EMCGV 25·140 LT	10106513	M 25x1,5	12 · 14	50
EMCGV 25·160 LT	10106514	M 25x1,5	14 · 16	50
EMCGV 25·170 LT	10106515	M 25x1,5	15 · 17	50
EMCGV 32·110 LT	10106516	M 32x1,5	9 · 11	25
EMCGV 32·130 LT	10106517	M 32x1,5	11 · 13	25
EMCGV 32·150 LT	10106518	M 32x1,5	13 · 15	25
EMCGV 32·180 LT	10106519	M 32x1,5	16 · 18	25
EMCGV 32·200 LT	10106520	M 32x1,5	18 · 20	25
EMCGV 32·230 LT	10106522	M 32x1,5	21 · 23	25
EMCGV 40·180 LT	10106523	M 40x1,5	16 · 18	10
EMCGV 40·200 LT	10106524	M 40x1,5	18 · 20	10
EMCGV 40·220 LT	10106525	M 40x1,5	20 · 22	10
EMCGV 40·240 LT	10106526	M 40x1,5	22 · 24	10
EMCGV 40·260 LT	10106527	M 40x1,5	24 · 26	10
EMCGV 40·290 LT	10106528	M 40x1,5	26 · 29	10
EMCGV 50·280 LT	10106529	M 50x1,5	26 · 28	10
EMCGV 50·300 LT	10106530	M 50x1,5	28 · 30	10
EMCGV 50·320 LT	10106589	M 50x1,5	30 · 32	10
EMCGV 50·340 LT	10106531	M 50x1,5	32 · 34	10
EMCGV 50·360 LT	10106532	M 50x1,5	34 · 36	10
EMCGV 50·380 LT	10106533	M 50x1,5	36 · 38	10
EMCGV 63·350 LT	10106534	M 63x1,5	33 · 35	10
EMCGV 63·380 LT	10106535	M 63x1,5	35 · 38	10
EMCGV 63·410 LT	10106536	M 63x1,5	38 · 41	10
EMCGV 63·440 LT	10106537	M 63x1,5	41 · 44	10
EMCGV 63·470 LT	10106538	M 63x1,5	44 · 47	10
EMCGV 63·490 LT	10106539	M 63x1,5	47 · 49	10

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

SPRINT® Locknuts

RoHS

Material Brass nickel-plated

EMMU, metric



Type	Order No.	Thread	PU
EMMU 8	10106828	M 8x1,25	100
EMMU 12	10063141	M 12x1,5	100
EMMU 16	10063142	M 16x1,5	100
EMMU 20	10063143	M 20x1,5	100
EMMU 25	10063144	M 25x1,5	100
EMMU 32	10063145	M 32x1,5	100
EMMU 40	10063146	M 40x1,5	50
EMMU 50	10063147	M 50x1,5	50
EMMU 63	10063148	M 63x1,5	50
EMMU 75	10101777	M 75x1,5	1

MMU, PG



MMU 7	10062141	PG 7	100
MMU 9	10062142	PG 9	100
MMU 11	10062143	PG 11	100
MMU 13,5	10062144	PG 13,5	100
MMU 16	10062145	PG 16	100
MMU 21	10062146	PG 21	100
MMU 29	10062147	PG 29	100
MMU 36	10062148	PG 36	100
MMU 42	10062149	PG 42	50
MMU 48	10062150	PG 48	50

NMMU, NPT



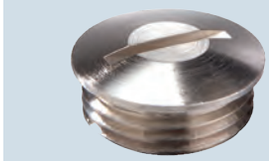
NMMU 1/4	10100972	NPT 1/4"	100
NMMU 3/8	10100973	NPT 3/8"	100
NMMU 1/2	10100974	NPT 1/2"	100
NMMU 3/4	10100975	NPT 3/4"	100
NMMU 1	10100976	NPT 1"	100
NMMU 1 1/4	10100977	NPT 1 1/4"	50
NMMU 1 1/2	10100978	NPT 1 1/2"	50
NMMU 2	10100979	NPT 2"	50

Stop ends

RoHS

Protection class IP54
Advice With O-ring IP66 / IP68
Material Brass nickel-plated

EMVS, metric



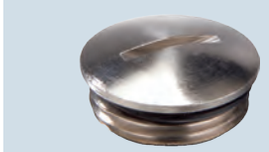
Type	Order No.	Thread	PU
EMVS 12	10063151	M 12x1,5	100
EMVS 16	10063152	M 16x1,5	100
EMVS 20	10063153	M 20x1,5	100
EMVS 25	10063154	M 25x1,5	100
EMVS 32	10063155	M 32x1,5	50
EMVS 40	10063156	M 40x1,5	50
EMVS 50	10063157	M 50x1,5	25
EMVS 63	10063158	M 63x1,5	10

EMVS-L, long thread, metric



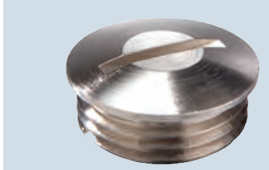
EMVS-L 12	10065072	M 12x1,5	100
EMVS-L 16	10065073	M 16x1,5	100
EMVS-L 20	10065074	M 20x1,5	100
EMVS-L 25	10065075	M 25x1,5	100
EMVS-L 32	10065076	M 32x1,5	50
EMVS-L 40	10065077	M 40x1,5	50
EMVS-L 50	10065078	M 50x1,5	25
EMVS-L 63	10065079	M 63x1,5	10

EMVS-ORD, with mounted O-ring seal, metric



EMVS-ORD 12	10065080	M 12x1,5	100
EMVS-ORD 16	10065081	M 16x1,5	100
EMVS-ORD 20	10065082	M 20x1,5	100
EMVS-ORD 25	10065083	M 25x1,5	100
EMVS-ORD 32	10065084	M 32x1,5	50
EMVS-ORD 40	10065085	M 40x1,5	50
EMVS-ORD 50	10065086	M 50x1,5	25
EMVS-ORD 63	10065087	M 63x1,5	10

MVS, PG



MVS 7	10062151	PG 7	100
MVS 9	10062152	PG 9	100
MVS 11	10062153	PG 11	100
MVS 13,5	10062154	PG 13,5	100
MVS 16	10062155	PG 16	100
MVS 21	10062156	PG 21	100
MVS 29	10062157	PG 29	50
MVS 36	10062158	PG 36	50
MVS 42	10062159	PG 42	25
MVS 48	10062160	PG 48	25

Enlargement adaptor, MEM, metric-metric

RoHS

Material Brass nickel-plated



Type	Order No.	Thread from	Thread to	PU
MEM 12/16	10063953	M 12x1,5	M 16x1,5	100
MEM 16/20	10063954	M 16x1,5	M 20x1,5	100
MEM 20/25	10063955	M 20x1,5	M 25x1,5	50
MEM 25/32	10063956	M 25x1,5	M 32x1,5	50
MEM 32/40	10063957	M 32x1,5	M 40x1,5	50
MEM 40/50	10063958	M 40x1,5	M 50x1,5	25
MEM 50/63	10063959	M 50x1,5	M 63x1,5	10

Reduction adaptor, MRM, metric-metric

RoHS

Material Brass nickel-plated



Type	Order No.	Thread from	Thread to	PU
MRM 16/12	10063940	M 16x1,5	M 12x1,5	100
MRM 20/12	10063941	M 20x1,5	M 12x1,5	100
MRM 20/16	10063942	M 20x1,5	M 16x1,5	100
MRM 25/16	10063943	M 25x1,5	M 16x1,5	50
MRM 25/20	10063944	M 25x1,5	M 20x1,5	100
MRM 32/20	10063945	M 32x1,5	M 20x1,5	25
MRM 32/25	10063946	M 32x1,5	M 25x1,5	50
MRM 40/25	10063947	M 40x1,5	M 25x1,5	25
MRM 40/32	10063948	M 40x1,5	M 32x1,5	25
MRM 50/32	10063949	M 50x1,5	M 32x1,5	10
MRM 50/40	10063950	M 50x1,5	M 40x1,5	25
MRM 63/40	10063951	M 63x1,5	M 40x1,5	10
MRM 63/50	10063952	M 63x1,5	M 50x1,5	10

HatGLAND Cable glands, HGSM Pack, metric

RoHS

Protection class IP68 (5 bar 30 min) / IP69
Advice Incl. sealing ring, locknut
Material Gland Stainless steel A2 (1.4305), Gasket EPDM

HGSM, -40 °C - 120 °C, Gasket EPDM



Type	Order No.	Thread	Ø Cable in mm	PU
HGSM 12-E Pack	10101853	M 12x0,75	2 - 5	1
HGSM 16-E Pack	10101854	M 16x0,75	2 - 9	1
HGSM 20-E Pack	10101855	M 20x0,75	3 - 12	1
HGSM 25-E Pack	10101856	M 25x0,75	4 - 16	1
HGSM 32-E Pack	10101857	M 32x0,75	9 - 23	1
HGSM 40-E Pack	10101858	M 40x1,5	16 - 29	1
HGSM 50-E Pack	10101859	M 50x1,5	26 - 38	1
HGSM 63-E Pack	10101860	M 63x1,5	32 - 49	1

HGSM LT, LowTemp, -60 °C - 180 °C, Gasket Silicone



HGSM 12-LT Pack	10102116	M 12x0,75	2 - 5	1
HGSM 16-LT Pack	10102117	M 16x0,75	2 - 9	1
HGSM 20-LT Pack	10102118	M 20x0,75	3 - 12	1
HGSM 25-LT Pack	10102119	M 25x0,75	4 - 16	1
HGSM 32-LT Pack	10102120	M 32x0,75	9 - 23	1
HGSM 40-LT Pack	10102121	M 40x1,5	16 - 29	1
HGSM 50-LT Pack	10102122	M 50x1,5	26 - 38	1
HGSM 63-LT Pack	10102123	M 63x1,5	32 - 49	1

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

SPRINT® Cable glands, ESSKV, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C · 100 °C
Material Gland Stainless steel, Gasket EPDM, Clamping cage Polyamide

ESSKV, stainless steel 1.4305



Type	Order No.	Thread	Ø Cable in mm	PU
ESSKV 12	10069000	M 12x1,5	3 - 7	10
ESSKV 16	10069001	M 16x1,5	4,5 - 10	10
ESSKV 20	10069002	M 20x1,5	6 - 13	10
ESSKV 25	10069003	M 25x1,5	9 - 17	10
ESSKV 32	10069004	M 32x1,5	13 - 21	5
ESSKV 40	10069005	M 40x1,5	16 - 28	5
ESSKV 50	10069006	M 50x1,5	21 - 35	2
ESSKV 63	10069007	M 63x1,5	34 - 48	1

ESSKV-4, stainless steel 1.4404



ESSKV-4 12	10069100	M 12x1,5	3 - 7	10
ESSKV-4 16	10069101	M 16x1,5	4,5 - 10	10
ESSKV-4 20	10069102	M 20x1,5	6 - 13	10
ESSKV-4 25	10069103	M 25x1,5	9 - 17	10
ESSKV-4 32	10069104	M 32x1,5	13 - 21	5
ESSKV-4 40	10069105	M 40x1,5	16 - 28	5
ESSKV-4 50	10069106	M 50x1,5	21 - 35	2
ESSKV-4 63	10069107	M 63x1,5	34 - 48	1

SPRINT® Cable glands LowTemp, ESSKV LT, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -60 °C · 100 °C
Material Gland Stainless steel, Gasket Silicone, Clamping cage Polyamide

ESSKV LT, stainless steel 1.4305



Type	Order No.	Thread	Ø Cable in mm	PU
ESSKV 12 LT	10065962	M 12x1,5	3 - 7	10
ESSKV 16 LT	10065963	M 16x1,5	4,5 - 10	10
ESSKV 20 LT	10065964	M 20x1,5	6 - 13	10
ESSKV 25 LT	10065965	M 25x1,5	9 - 17	10
ESSKV 32 LT	10065966	M 32x1,5	13 - 21	5
ESSKV 40 LT	10065967	M 40x1,5	16 - 28	5
ESSKV 50 LT	10065968	M 50x1,5	21 - 35	2
ESSKV 63 LT	10065969	M 63x1,5	34 - 48	1

ESSKV-4 LT, stainless steel 1.4404



ESSKV-4 12 LT	10065881	M 12x1,5	3 - 7	10
ESSKV-4 16 LT	10065882	M 16x1,5	4,5 - 10	10
ESSKV-4 20 LT	10065883	M 20x1,5	6 - 13	10
ESSKV-4 25 LT	10065884	M 25x1,5	9 - 17	10
ESSKV-4 32 LT	10065885	M 32x1,5	13 - 21	5
ESSKV-4 40 LT	10065886	M 40x1,5	16 - 28	5
ESSKV-4 50 LT	10065887	M 50x1,5	21 - 35	2
ESSKV-4 63 LT	10065888	M 63x1,5	34 - 48	1

Locknut, ESMU, metric

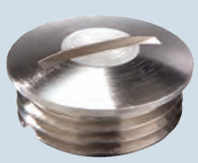
Material Stainless steel 1.4305



Type	Order No.	Thread	PU
ESMU 12	10064188	M 12x1,5	10
ESMU 16	10064189	M 16x1,5	10
ESMU 20	10064190	M 20x1,5	10
ESMU 25	10064191	M 25x1,5	10
ESMU 32	10064192	M 32x1,5	5
ESMU 40	10064193	M 40x1,5	5
ESMU 50	10064194	M 50x1,5	2
ESMU 63	10064195	M 63x1,5	1

Stop end, ESVS, metric

Protection class IP54
Advice With O-ring IP66 / IP68
Material Stainless steel 1.4305



Type	Order No.	Thread	PU
ESVS 12	10065460	M 12x1,5	10
ESVS 16	10065461	M 16x1,5	10
ESVS 20	10065462	M 20x1,5	10
ESVS 25	10065463	M 25x1,5	10
ESVS 32	10065464	M 32x1,5	5
ESVS 40	10065465	M 40x1,5	5
ESVS 50	10065466	M 50x1,5	2
ESVS 63	10065467	M 63x1,5	1

MARATHON® Cable gland, EZMGV-L, metric

Protection class IP 66 / 68 (1 bar 12 h)
Temperature range -40 °C - 80 °C
Material Gland zinc, Gasket EPDM, Clamping cage Polyamide / TPE



Type	Order No.	Thread	Ø Cable in mm	PU
EZMGV-L 20	10108742	M 20x1,5	6 - 13	50

Other technical data on request / Subject to modifications and amendments

Our Venting products

We launched the VentGLAND® in 2007, the world's first cable gland with pressure equalisation. VentGLAND® cable glands and VentPLUG pressure equalisation units are nowadays being used around the world, especially in sectors that are moisture and temperature sensitive such as shipping, and the lighting and solar industries.

VentGLAND®

This gland combines pressure equalisation and cable gland in a single unit and features high air flow rates as well as high water protection capacity.



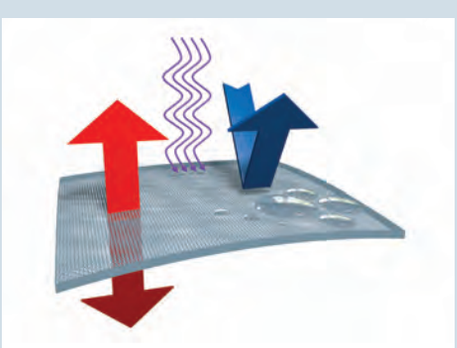
VentPLUG

This plug is used when a cable gland with an additional pressure equalisation unit or a solution without any cable entry is required to vent the enclosure.

VENTING by WISKA

The venting membrane

The high performance ePTFE membrane used in our venting products has billions of breathable pores to enable an effective air exchange between the interior and exterior. The micrometer pores also prevent liquids, dirt and contaminants from passing through the membrane and entering the enclosure. The membrane is available with different air flow rates. All of them offer all the properties required for the roughest environmental conditions: They are resistant against UV, salt water, oils and grease. Chemicals and aggressive cleaning substances also have no effect on the membrane's structure and performance.





Our products at a glance

Polyamide VentGLAND® (Page 36)



Brass VentGLAND® (Page 36 - 37)



Stainless steel VentGLAND® (Page 37)



Polyamide VentPLUG (Page 38)



Brass VentPLUG (Page 39)



Brass DrainPLUG (Page 39)



Explore more...

WISKA make power smile

VentGLAND® Cable gland SPRINT®, ESVG, polyamide, metric, EN 62444

Protection class IP68 / IP69
Glow wire test 750 °C
Temperature range -40 °C · 100 °C
Material Gland Polyamide, Gasket EPDM, Membrane ePTFE



Type	RAL 7035	RAL 9005	Thread	Ø Cable in mm	Air flow at 70mbar l/h	PU
ESVG 16	10104412	10104413	M 16x1,5	4,5 · 10	52	1
ESVG 20	10060974	10060802	M 20x1,5	6 · 13	42	1
ESVG 25	10100666	10100667	M 25x1,5	9 · 17	65	1
ESVG 32	10100801	10100802	M 32x1,5	13 · 21	115	1
ESVG 40	10102471	10102472	M 40x1,5	16 · 28	150	1

VentGLAND® Cable gland SPRINT®, EMSVG, brass nickel-plated, metric, EN 62444

Protection class IP68 / IP69
Temperature range -40 °C · 100 °C
Material Gland Brass nickel-plated, Gasket EPDM, Clamping cage Polyamide, Membrane ePTFE



Type	Order No.	Thread	Ø Cable in mm	Air flow at 70mbar l/h	PU
EMSVG 16	10065899	M 16x1,5	4,5 · 10	52	1
EMSVG 20	10065900	M 20x1,5	6 · 13	55	1
EMSVG 25	10065901	M 25x1,5	9 · 17	90	1
EMSVG 32	10065902	M 32x1,5	13 · 21	115	1
EMSVG 40	10065903	M 40x1,5	16 · 28	150	1
EMSVG 50	10065904	M 50x1,5	21 · 35	225	1
EMSVG 63	10065905	M 63x1,5	34 · 48	285	1

VentGLAND® EMC Cable gland SPRINT® with contact spring insert, EMSVG EMV-S, brass nickel-plated, metric, EN 62444

Protection class IP68 / IP69
Temperature range -40 °C - 100 °C
Material Gland Brass nickel-plated, Clamping cage Polyamide, Gasket EPDM, Membrane ePTFE, Earthing cones Stainless steel 1.4310



Type	Order No.	Thread	Ø Cable in mm	Air flow at 70mbar l/h	PU
EMSVG 20 EMV-S	10102715	M 20x1,5	6 - 13	55	1
EMSVG 25 EMV-S	10102716	M 25x1,5	9 - 17	90	1
EMSVG 32 EMV-S	10102717	M 32x1,5	13 - 21	115	1
EMSVG 40 EMV-S	10102718	M 40x1,5	16 - 28	150	1
EMSVG 50 EMV-S	10102719	M 50x1,5	21 - 35	225	1
EMSVG 63 EMV-S	10102720	M 63x1,5	34 - 48	285	1

VentGLAND® Cable glands SPRINT®, ESSVG, stainless steel, metric, EN 62444

Protection class IP68 / IP69
Temperature range -40 °C - 100 °C
Material Gland Stainless steel, Gasket EPDM, Clamping cage Polyamide, Membrane ePTFE

ESSVG, stainless steel 1.4305



Type	Order No.	Thread	Ø Cable in mm	Air flow at 70mbar l/h	PU
ESSVG 16	10104410	M 16x1,5	4,5 - 10	52	1
ESSVG 20	10069400	M 20x1,5	6 - 13	55	1
ESSVG 25	10069401	M 25x1,5	9 - 17	90	1
ESSVG 32	10069402	M 32x1,5	13 - 21	115	1
ESSVG 40	10069403	M 40x1,5	16 - 28	150	1
ESSVG 50	10069404	M 50x1,5	21 - 35	225	1
ESSVG 63	10069405	M 63x1,5	34 - 48	285	1

ESSVG-4, stainless steel 1.4404



ESSVG-4 16	10104411	M 16x1,5	4,5 - 10	52	1
ESSVG-4 20	10069500	M 20x1,5	6 - 13	55	1
ESSVG-4 25	10069501	M 25x1,5	9 - 17	90	1
ESSVG-4 32	10069502	M 32x1,5	13 - 21	115	1
ESSVG-4 40	10069503	M 40x1,5	16 - 28	150	1
ESSVG-4 50	10069504	M 50x1,5	21 - 35	225	1
ESSVG-4 63	10069505	M 63x1,5	34 - 48	285	1

VentPLUG Pressure compensation units, EVPS, polyamide, metric

RoHS

Protection class	IP68 / IP69
Temperature range	-40 °C - 100 °C
Material	Polyamide

EVPS, Membrane ePTFE, Membrane



Type	RAL 7035	RAL 9005	Thread	Air flow at 70mbar l/h	PU
EVPS 12	10102369	10102370	M 12x1,5	22	10
EVPS 20	10106591	10106595	M 20x1,5	110	10

EVPS HF, High Air Flow, Membrane Acryl-Copolymer



EVPS 12 HF	10103263	10103264	M 12x1,5	34	10
EVPS 20 HF	10106615	10106619	M 20x1,5	280	10
EVPS 40 HF	10106617	10106621	M 40x1,5	1650	10

EVPS-L, long, Membrane ePTFE



EVPS-L 20	10106592	10106596	M 20x1,5	110	10

EVPS-L HF, High Air Flow, long, Membrane Acryl-Copolymer



EVPS-L 20 HF	10106616	10106620	M 20x1,5	280	10
EVPS-L 40 HF	10106618	10106622	M 40x1,5	1650	10

VentPLUG Pressure compensation units, EMVPS, brass, nickle-plated, metric

RoHS

Protection class IP68 / IP69
Temperature range -40 °C - 100 °C
Material Brass nickel-plated

EMVPS, Gasket EPDM, Membrane ePTFE



Type	Order No.	Thread	Air flow at 70mbar l/h	PU
EMVPS 12	10103265	M 12x1,5	22	10
EMVPS 20	10113255	M 20x1,5	318	10

EMVPS HF, Gasket Silicone, High Air Flow, Membrane Acryl-Copolymer



EMVPS 12 HF	10103266	M 12x1,5	34	10
EMVPS 20 HF	10113256	M 20x1,5	420	10

DrainPLUG, EDPS, brass, metric

Protection class IP66
Temperature range -30 °C - 60 °C
Material Gland Brass nickel-plated, Gasket Polypropylene, Membrane PE



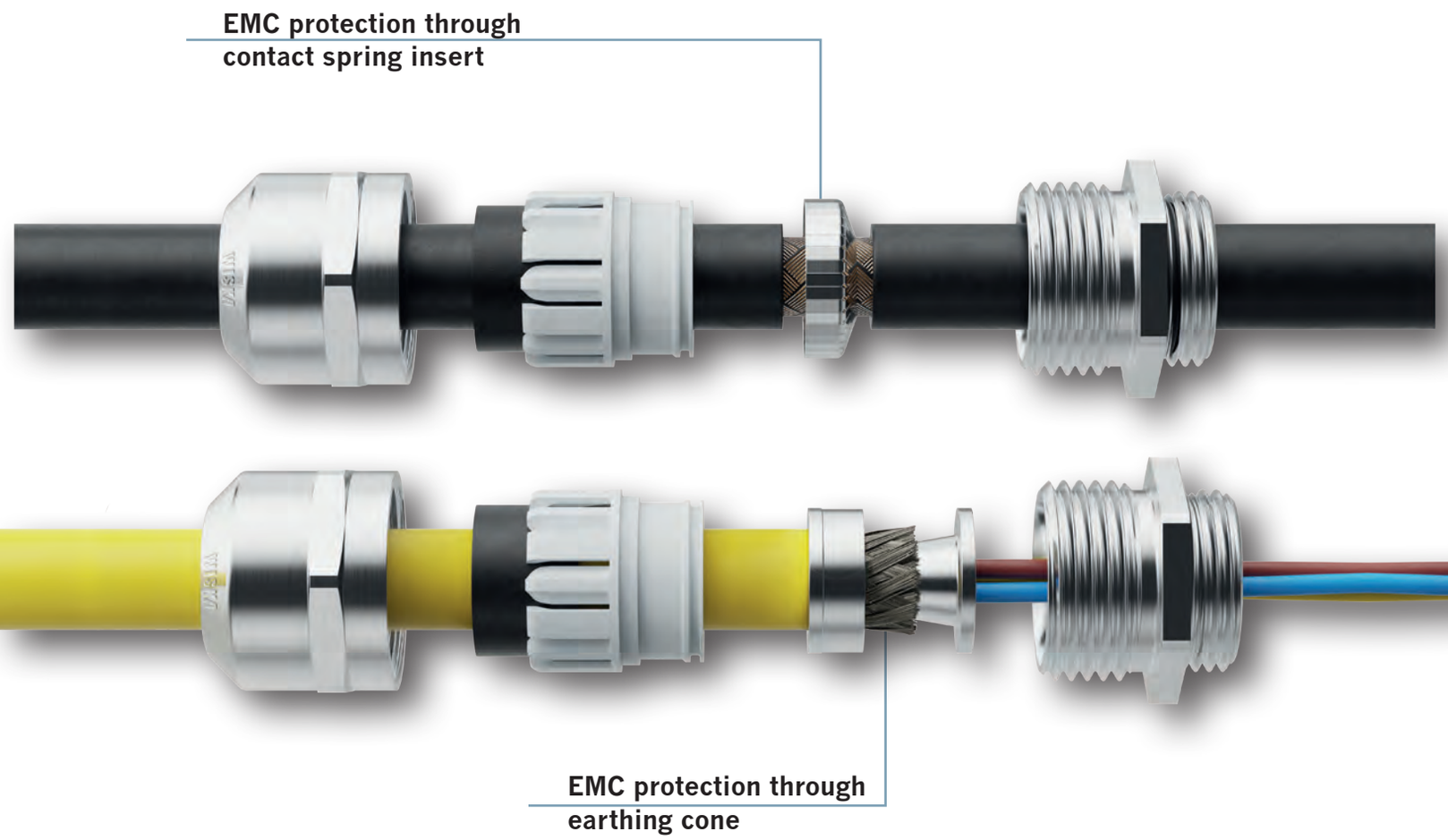
Type	Order No.	Thread	PU
EDPS-MN 20	10111161	M 20x1,5	10

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

Our EMC Cable glands

Modern technologies are constantly becoming more demanding and complex. This increases the vulnerability of electronic components to electromagnetic disturbances. To protect against such interactions, we offer you different approaches to EMC cable glands which ensure effective 360° shielding and durable impermeability for individual uses.



MagikNUT® – The EMC locknut

Using our cable management expertise, we have again developed a unique solution: The MagikNUT®! The MagikNUT® is a polyamide locknut with a built-in stainless steel clip mechanism for EMC shield connections. It can be used with plastic cable glands and plastic fittings, offering users a high level of EMC protection, quick installation time and savings in material costs.





Our products at a glance

EMC Locknut (Page 42)



ShieldGLAND (Page 42)



EMC Cable glands with earthing cone (Page 43)



EMC Cable glands with spring insert (Page 44)



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EMC Compression glands (Page 46 · 47)



Explore more...

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MagikNUT® EMC Locknut, polyamide / stainless steel

Temperature range -40 °C - 100 °C
Material Polyamide, Stainless steel



Type	RAL 7035	RAL 9005	Thread	PU
MagikNUT 16	10110660	10111060	M 16x1,5	25
MagikNUT 20	10110661	10111061	M 20x1,5	25
MagikNUT 25	10110662	10111062	M 25x1,5	25

ShieldGLAND, polyamide / brass

Protection class IP68
Temperature range -40 °C - 100 °C
Material Polyamide, brass

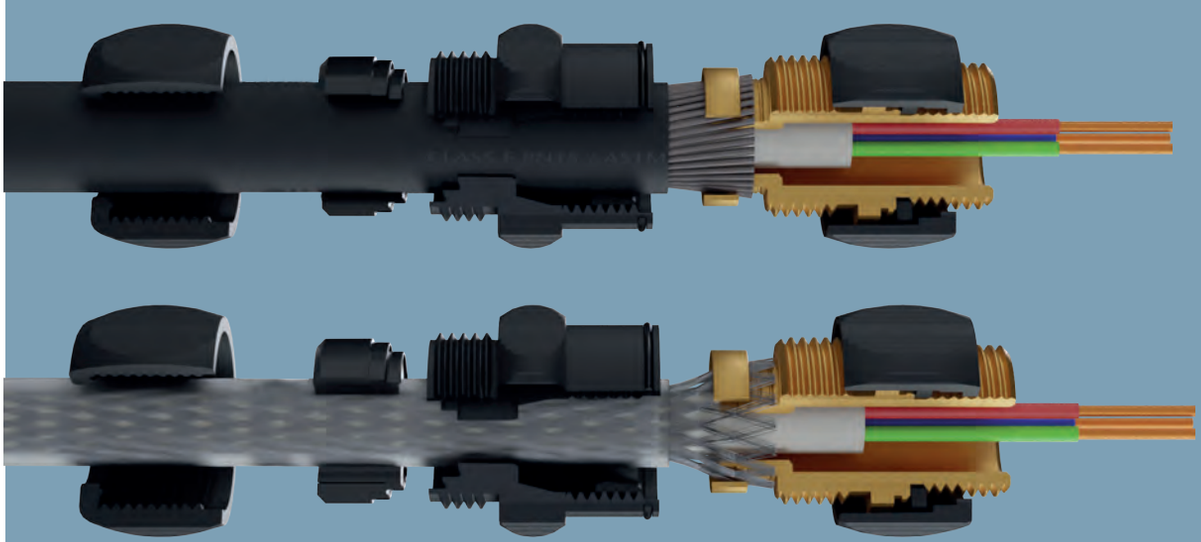


Type	RAL 9005	Thread	Ø Cable in mm	PU
CUPG-GS03-M20	10112105	M 20x1,5	7 - 16	10
CUPG-GS04-M20	10112106	M 20x1,5	12 - 21	10
CUPG-GS05-M25	10112107	M 25x1,5	17 - 28	10
CUPG-GS06-M32	10112108	M 32x1,5	24 - 36	10

ShieldGLAND

ShieldGLAND by WISKA

An IP68 rated gland that is suitable for armoured and shielded cable. Superior protection, easy to use and works seamlessly with our COMBI® junction box series.



SPRINT® EMC Cable glands with earthing cones DIN 89345, EMSKV EMV-Z, brass nickel-plated, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C - 100 °C
Material Gland Brass nickel-plated, Clamping cage Polyamide, Gasket EPDM, Earthing cones Brass chromium-plated

EMSKV EMV-Z



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKV 12 EMV-Z	10065016	M 12x1,5	3 - 7	50
EMSKV 16 EMV-Z	10065017	M 16x1,5	4,5 - 10	50
EMSKV 20 EMV-Z	10065018	M 20x1,5	6 - 13	50
EMSKV 25 EMV-Z	10065019	M 25x1,5	9 - 17	50
EMSKV 32 EMV-Z	10065020	M 32x1,5	13 - 21	25
EMSKV 40 EMV-Z	10065021	M 40x1,5	16 - 28	10
EMSKV 50 EMV-Z	10065022	M 50x1,5	21 - 35	10
EMSKV 63 EMV-Z	10065023	M 63x1,5	34 - 48	10
EMSKV 75 EMV-Z	10100963	M 75x1,5	48 - 63	1

EMSKV-L EMV-Z, long



EMSKV-L 12 EMV-Z	10065182	M 12x1,5	3 - 7	50
EMSKV-L 16 EMV-Z	10065183	M 16x1,5	4,5 - 10	50
EMSKV-L 20 EMV-Z	10065184	M 20x1,5	6 - 13	50
EMSKV-L 25 EMV-Z	10065185	M 25x1,5	9 - 17	50
EMSKV-L 32 EMV-Z	10065186	M 32x1,5	13 - 21	25
EMSKV-L 40 EMV-Z	10065187	M 40x1,5	16 - 28	10
EMSKV-L 50 EMV-Z	10065188	M 50x1,5	21 - 35	10
EMSKV-L 63 EMV-Z	10065189	M 63x1,5	34 - 48	10

SPRINT® EMC Cable glands with earthing cones DIN 89345, ESSKV EMV-Z, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C - 100 °C
Material Gland Stainless steel A2 (1.4305), Clamping cage Polyamide, Gasket EPDM, Earthing cones Brass chromium-plated

ESSKV EMV-Z, stainless steel 1.4305



Type	Order No.	Thread	Ø Cable in mm	PU
ESSKV 12 EMV-Z	10069016	M 12x1,5	3 - 7	10
ESSKV 16 EMV-Z	10069017	M 16x1,5	4,5 - 10	10
ESSKV 20 EMV-Z	10069018	M 20x1,5	6 - 13	10
ESSKV 25 EMV-Z	10069019	M 25x1,5	9 - 17	10
ESSKV 32 EMV-Z	10069020	M 32x1,5	13 - 21	5
ESSKV 40 EMV-Z	10069021	M 40x1,5	16 - 28	5
ESSKV 50 EMV-Z	10069022	M 50x1,5	21 - 35	2
ESSKV 63 EMV-Z	10069023	M 63x1,5	34 - 48	1

ESSKV-4 EMV-Z, stainless steel 1.4404



ESSKV-4 12 EMV-Z	10069116	M 12x1,5	3 - 7	10
ESSKV-4 16 EMV-Z	10069117	M 16x1,5	4,5 - 10	10
ESSKV-4 20 EMV-Z	10069118	M 20x1,5	6 - 13	10
ESSKV-4 25 EMV-Z	10069119	M 25x1,5	9 - 17	10
ESSKV-4 32 EMV-Z	10069120	M 32x1,5	13 - 21	5
ESSKV-4 40 EMV-Z	10069121	M 40x1,5	16 - 28	5
ESSKV-4 50 EMV-Z	10069122	M 50x1,5	21 - 35	2
ESSKV-4 63 EMV-Z	10069123	M 63x1,5	34 - 48	1

Other technical data on request / Subject to modifications and amendments

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SPRINT® EMC Cable glands with contact spring insert, EMSKV EMV-S, brass nickel-plated, metric, EN 62444

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C - 100 °C
Material Gland Brass nickel-plated, Clamping cage Polyamide, Gasket EPDM, Contact spring insert Stainless steel 1.4310

EMSKV EMV-S



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKV 12 EMV-S	10102273	M 12x1,5	3 - 7	50
EMSKV 16 EMV-S	10102274	M 16x1,5	4,5 - 10	50
EMSKV 20 EMV-S	10102275	M 20x1,5	6 - 13	50
EMSKV 25 EMV-S	10102276	M 25x1,5	9 - 17	50
EMSKV 32 EMV-S	10102277	M 32x1,5	13 - 21	25
EMSKV 40 EMV-S	10102278	M 40x1,5	16 - 28	10
EMSKV 50 EMV-S	10102279	M 50x1,5	21 - 35	10
EMSKV 63 EMV-S	10102280	M 63x1,5	34 - 48	10

EMSKV-L EMV-S, long thread



EMSKV-L 12 EMV-S	10102645	M 12x1,5	3 - 7	50
EMSKV-L 16 EMV-S	10102646	M 16x1,5	4,5 - 10	50
EMSKV-L 20 EMV-S	10102647	M 20x1,5	6 - 13	50
EMSKV-L 25 EMV-S	10102648	M 25x1,5	9 - 17	50
EMSKV-L 32 EMV-S	10102649	M 32x1,5	13 - 21	25
EMSKV-L 40 EMV-S	10102650	M 40x1,5	16 - 28	10
EMSKV-L 50 EMV-S	10102651	M 50x1,5	21 - 35	10
EMSKV-L 63 EMV-S	10102652	M 63x1,5	34 - 48	10

EMC Locknuts, brass, nickel-plated

Temperature range -250 °C - 500 °C
Material Brass nickel-plated

EMMU-EMV, metric



Type	Order No.	Thread	PU
EMMU-EMV 12	10063210	M 12x1,5	100
EMMU-EMV 16	10063211	M 16x1,5	100
EMMU-EMV 20	10063212	M 20x1,5	100
EMMU-EMV 25	10063213	M 25x1,5	100
EMMU-EMV 32	10063214	M 32x1,5	100
EMMU-EMV 40	10063215	M 40x1,5	50
EMMU-EMV 50	10063216	M 50x1,5	50
EMMU-EMV 63	10063217	M 63x1,5	25
EMMU-EMV 75	10102228	M 75x1,5	1

MMU-EMV, PG



MMU-EMV 7	10063218	PG 7	100
MMU-EMV 9	10063219	PG 9	100
MMU-EMV 11	10063220	PG 11	100
MMU-EMV 13,5	10063221	PG 13,5	100
MMU-EMV 16	10063222	PG 16	100
MMU-EMV 21	10063223	PG 21	50
MMU-EMV 29	10063224	PG 29	50
MMU-EMV 36	10063225	PG 36	50
MMU-EMV 42	10063226	PG 42	50
MMU-EMV 48	10063227	PG 48	50

SPRINT® EMC Earthing cone to DIN 89345, EE, brass, chromium plated

RoHS

Advice * Similar DIN 89345
Temperature range -150 °C - 250 °C
Material Brass chromium-plated

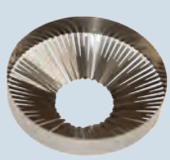


Type	Order No.	Ø Cable in mm	For Cable gland type	PU
EE 10-03*	50101021	3	HatGLAND 12	1
EE 12-05*	50085887	5	SPRINT® 12	1
EE 14-07*	50101022	7	HatGLAND 16	1
EE 16-06	50084648	6	SPRINT® 16 / KVM 16	1
EE 16-07*	50085652	7,5	SPRINT® 16 / KVM 16	1
EE 18-06	50084649	6	SPRINT®20 / KVM18 / HatGLAND20	1
EE 18-07	50080958	7	SPRINT®20 / KVM18 / HatGLAND20	1
EE 18-09*	50085650	9,5	SPRINT®20 / KVM18 / HatGLAND20	1
EE 22-14*	50101023	14,5	HatGLAND 25	1
EE 24-06	50084650	6	SPRINT® 25 / KVM 24	1
EE 24-07	50080960	7	SPRINT® 25 / KVM 24	1
EE 24-08	50084651	8	SPRINT® 25 / KVM 24	1
EE 24-10	50080962	10,5	SPRINT® 25 / KVM 24	1
EE 24-13	50080963	13	SPRINT® 25 / KVM 24	1
EE 24-14	50080964	14,5	SPRINT® 25 / KVM 24	1
EE 24-16*	50085654	16	SPRINT® 25 / KVM 24	1
EE 30-16	50084652	16	SPRINT®32 / KVM30 / HatGLAND32	1
EE 30-18	50081743	18	SPRINT®32 / KVM30 / HatGLAND32	1
EE 30-20*	50085655	20	SPRINT®32 / KVM30 / HatGLAND32	1
EE 36-20	50080967	20	SPRINT®40 / KVM36 / HatGLAND40	1
EE 36-22	50084653	22	SPRINT®40 / KVM36 / HatGLAND40	1
EE 36-24	50080969	24	SPRINT®40 / KVM36 / HatGLAND40	1
EE 36-26*	50085656	26	SPRINT®40 / KVM36 / HatGLAND40	1
EE 45-27	50081592	27	SPRINT®50 / KVM45 / HatGLAND50	1
EE 45-30	50081407	30	SPRINT®50 / KVM45 / HatGLAND50	1
EE 45-33*	50085657	33	SPRINT®50 / KVM45 / HatGLAND50	1
EE 56-35	50081406	35	SPRINT®63 / KVM56 / HatGLAND63	1
EE 56-39	50080768	39	SPRINT®63 / KVM56 / HatGLAND63	1
EE 56-45*	50085658	45	SPRINT®63 / KVM56 / HatGLAND63	1
EE 72-49	50080954	49	KVM 72	1
EE 72-44	50080955	44	KVM 72	1
EE 72-58	50085659	58	KVM 72	1
EE 80-62*	50082650	62	KVM 80	1
EE 105-72*	50084654	72	KVM 105	1
EE 105-77*	50084655	77	KVM 105	1

SPRINT® EMC Contact spring insert, EMV-S, stainless steel

RoHS

Temperature range -100 °C - 500 °C
Material Stainless steel 1.4310



Type	Order No.	Ø Cable in mm	For Cable gland type	PU
EMV-S 12	10102528	2 - 6	SPRINT® 12	5
EMV-S 16	10102529	3 - 9	SPRINT® 16	5
EMV-S 20	10102530	5 - 12	SPRINT® 20	5
EMV-S 25	10102531	7,5 - 13,5	SPRINT® 25	5
EMV-S 32	10102532	11 - 19	SPRINT® 32	5
EMV-S 40	10102533	14 - 26	SPRINT® 40	1
EMV-S 50	10102534	18 - 32	SPRINT® 50	1
EMV-S 63	10102535	30 - 44	SPRINT® 63	1

Other technical data on request / Subject to modifications and amendments

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ShotGLAND EMC Compression cable gland with earthing cones DIN 89345, EMCGV EMV-Z, brass, metric, EN 62444

RoHS

Protection class IP68 (5 bar 30 min)
Temperature range -40 °C · 120 °C
Material Gland Brass nickel-plated, Gasket EPDM, Earthing cones Brass chromium-plated



Type	Order No.	Thread	Ø Cable in mm	PU
EMCGV 8-030 EMV-Z	10106442	M 8x1,25	2 · 3,3	50
EMCGV 8-040 EMV-Z	10106443	M 8x1,25	3 · 4,3	50
EMCGV 8-050 EMV-Z	10106445	M 8x1,25	4 · 5,3	50
EMCGV 12-030 EMV-Z	10106446	M 12x1,5	2 · 3	50
EMCGV 12-050 EMV-Z	10106447	M 12x1,5	3 · 5	50
EMCGV 12-070 EMV-Z	10106448	M 12x1,5	5 · 7	50
EMCGV 12-090 EMV-Z	10106449	M 12x1,5	7 · 9	50
EMCGV 16-040 EMV-Z	10106450	M 16x1,5	2 · 4	50
EMCGV 16-060 EMV-Z	10106451	M 16x1,5	4 · 6	50
EMCGV 16-080 EMV-Z	10106452	M 16x1,5	6 · 8	50
EMCGV 16-100 EMV-Z	10106453	M 16x1,5	8 · 10	50
EMCGV 16-120 EMV-Z	10106454	M 16x1,5	10 · 12	50
EMCGV 20-060 EMV-Z	10106455	M 20x1,5	4 · 6	50
EMCGV 20-080 EMV-Z	10106456	M 20x1,5	6 · 8	50
EMCGV 20-100 EMV-Z	10106457	M 20x1,5	8 · 10	50
EMCGV 20-120 EMV-Z	10106458	M 20x1,5	10 · 12	50
EMCGV 20-140 EMV-Z	10106459	M 20x1,5	12 · 14	50
EMCGV 20-160 EMV-Z	10106460	M 20x1,5	14 · 16	50
EMCGV 25-080 EMV-Z	10106461	M 25x1,5	6 · 8	50
EMCGV 25-100 EMV-Z	10106462	M 25x1,5	8 · 10	50
EMCGV 25-120 EMV-Z	10106463	M 25x1,5	10 · 12	50
EMCGV 25-140 EMV-Z	10106464	M 25x1,5	12 · 14	50
EMCGV 25-160 EMV-Z	10106465	M 25x1,5	14 · 16	50
EMCGV 25-170 EMV-Z	10106466	M 25x1,5	15 · 17	50
EMCGV 32-110 EMV-Z	10106467	M 32x1,5	9 · 11	25
EMCGV 32-130 EMV-Z	10106468	M 32x1,5	11 · 13	25
EMCGV 32-150 EMV-Z	10106469	M 32x1,5	13 · 15	25
EMCGV 32-180 EMV-Z	10106470	M 32x1,5	16 · 18	25
EMCGV 32-200 EMV-Z	10106471	M 32x1,5	18 · 20	25
EMCGV 32-230 EMV-Z	10106473	M 32x1,5	21 · 23	25
EMCGV 40-180 EMV-Z	10106474	M 40x1,5	16 · 18	10
EMCGV 40-200 EMV-Z	10106475	M 40x1,5	18 · 20	10
EMCGV 40-220 EMV-Z	10106476	M 40x1,5	20 · 22	10
EMCGV 40-240 EMV-Z	10106477	M 40x1,5	22 · 24	10
EMCGV 40-260 EMV-Z	10106478	M 40x1,5	24 · 26	10
EMCGV 40-290 EMV-Z	10106479	M 40x1,5	26 · 29	10
EMCGV 50-280 EMV-Z	10106480	M 50x1,5	26 · 28	10
EMCGV 50-300 EMV-Z	10106481	M 50x1,5	28 · 30	10
EMCGV 50-320 EMV-Z	10106482	M 50x1,5	30 · 32	10
EMCGV 50-340 EMV-Z	10106483	M 50x1,5	32 · 34	10
EMCGV 50-360 EMV-Z	10106484	M 50x1,5	34 · 36	10
EMCGV 50-380 EMV-Z	10106485	M 50x1,5	36 · 38	10
EMCGV 63-350 EMV-Z	10106486	M 63x1,5	33 · 35	10
EMCGV 63-380 EMV-Z	10106487	M 63x1,5	35 · 38	10
EMCGV 63-410 EMV-Z	10106488	M 63x1,5	38 · 41	10
EMCGV 63-440 EMV-Z	10106489	M 63x1,5	41 · 44	10
EMCGV 63-470 EMV-Z	10106490	M 63x1,5	44 · 47	10
EMCGV 63-490 EMV-Z	10106491	M 63x1,5	47 · 49	10

ShotGLAND LowTemp EMC Compression cable gland with earthing cones
DIN 89345, EMCGV EMV-Z, brass, metric, EN 62444

RoHS

Protection class IP68 (5 bar 30 min)
Temperature range -60 °C - 180 °C
Material Gland Brass nickel-plated, Gasket Silicone, Earthing cones Brass chromium-plated



Type	Order No.	Thread	Ø Cable in mm	PU
EMCGV 8-030 LT EMV-Z	10106540	M 8x1,25	2 - 3,3	50
EMCGV 8-040 LT EMV-Z	10106541	M 8x1,25	3 - 4,3	50
EMCGV 8-050 LT EMV-Z	10106542	M 8x1,25	4 - 5,3	50
EMCGV 12-030 LT EMV-Z	10106543	M 12x1,5	2 - 3	50
EMCGV 12-050 LT EMV-Z	10106544	M 12x1,5	3 - 5	50
EMCGV 12-070 LT EMV-Z	10106545	M 12x1,5	5 - 7	50
EMCGV 12-090 LT EMV-Z	10106546	M 12x1,5	7 - 9	50
EMCGV 16-040 LT EMV-Z	10106547	M 16x1,5	2 - 4	50
EMCGV 16-060 LT EMV-Z	10106548	M 16x1,5	4 - 6	50
EMCGV 16-080 LT EMV-Z	10106549	M 16x1,5	6 - 8	50
EMCGV 16-100 LT EMV-Z	10106550	M 16x1,5	8 - 10	50
EMCGV 16-120 LT EMV-Z	10106551	M 16x1,5	10 - 12	50
EMCGV 20-060 LT EMV-Z	10106552	M 20x1,5	4 - 6	50
EMCGV 20-080 LT EMV-Z	10106553	M 20x1,5	6 - 8	50
EMCGV 20-100 LT EMV-Z	10106554	M 20x1,5	8 - 10	50
EMCGV 20-120 LT EMV-Z	10106555	M 20x1,5	10 - 12	50
EMCGV 20-140 LT EMV-Z	10106556	M 20x1,5	12 - 14	50
EMCGV 20-160 LT EMV-Z	10106557	M 20x1,5	14 - 16	50
EMCGV 25-080 LT EMV-Z	10106558	M 25x1,5	6 - 8	50
EMCGV 25-100 LT EMV-Z	10106559	M 25x1,5	8 - 10	50
EMCGV 25-120 LT EMV-Z	10106560	M 25x1,5	10 - 12	50
EMCGV 25-140 LT EMV-Z	10106561	M 25x1,5	12 - 14	50
EMCGV 25-160 LT EMV-Z	10106562	M 25x1,5	14 - 16	50
EMCGV 25-170 LT EMV-Z	10106563	M 25x1,5	15 - 17	50
EMCGV 32-110 LT EMV-Z	10106564	M 32x1,5	9 - 11	25
EMCGV 32-130 LT EMV-Z	10106565	M 32x1,5	11 - 13	25
EMCGV 32-150 LT EMV-Z	10106566	M 32x1,5	13 - 15	25
EMCGV 32-180 LT EMV-Z	10106567	M 32x1,5	16 - 18	25
EMCGV 32-200 LT EMV-Z	10106568	M 32x1,5	18 - 20	25
EMCGV 32-230 LT EMV-Z	10106570	M 32x1,5	21 - 23	25
EMCGV 40-180 LT EMV-Z	10106571	M 40x1,5	16 - 18	10
EMCGV 40-200 LT EMV-Z	10106572	M 40x1,5	18 - 20	10
EMCGV 40-220 LT EMV-Z	10106573	M 40x1,5	20 - 22	10
EMCGV 40-240 LT EMV-Z	10106574	M 40x1,5	22 - 24	10
EMCGV 40-260 LT EMV-Z	10106575	M 40x1,5	24 - 26	10
EMCGV 40-290 LT EMV-Z	10106576	M 40x1,5	26 - 29	10
EMCGV 50-280 LT EMV-Z	10106577	M 50x1,5	26 - 28	10
EMCGV 50-300 LT EMV-Z	10106578	M 50x1,5	28 - 30	10
EMCGV 50-320 LT EMV-Z	10106579	M 50x1,5	30 - 32	10
EMCGV 50-340 LT EMV-Z	10106580	M 50x1,5	32 - 34	10
EMCGV 50-360 LT EMV-Z	10106581	M 50x1,5	34 - 36	10
EMCGV 50-380 LT EMV-Z	10106582	M 50x1,5	36 - 38	10
EMCGV 63-350 LT EMV-Z	10106583	M 63x1,5	33 - 35	10
EMCGV 63-380 LT EMV-Z	10106584	M 63x1,5	35 - 38	10
EMCGV 63-410 LT EMV-Z	10106585	M 63x1,5	38 - 41	10
EMCGV 63-440 LT EMV-Z	10106586	M 63x1,5	41 - 44	10
EMCGV 63-470 LT EMV-Z	10106587	M 63x1,5	44 - 47	10
EMCGV 63-490 LT EMV-Z	10106588	M 63x1,5	47 - 49	10

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

Our EX Cable glands

These cable glands are the perfect option for applications in hazardous areas. Our explosion-proof cable glands are available with various types of ignition protection according to ATEX guidelines and IECEx standards as well as many other international standards. Our Ex-portfolio encompasses everything from cable glands, stop ends and extensions to adaptors.





Our products at a glance

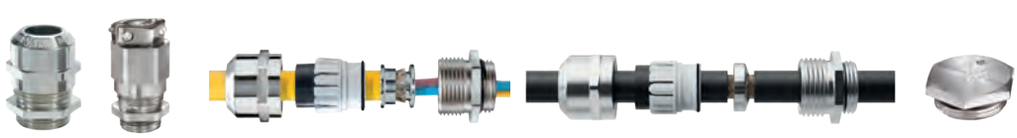
Polyamide EX Cable glands and accessories (Page 50 · 56)



Brass EX d Cable glands and accessories (Page 63 · 65)



Brass EX e Cable glands and accessories (Page 57 · 60)



Stainless steel EX e Cable glands (Page 61 · 62)



Explore more...

WISKA make power smile

SPRINT® EX Cable glands,
ESKE/1-e, for increased safety, metric

Marking Ex eb, Ex tb
Approval IECEx, ATEX
Protection class IP66 / IP68 (5 bar 30 min)
Glow wire test 750 °C

Temperature range -40 °C - 75 °C
Material Gland Polyamide, Gasket EPDM

ESKE/1-e



Type	RAL 9005	Threat	Ø Cable in mm	PU
ESKE/1-e 12	10103363	M 12x1,5	3 - 6	50
ESKE/1-e 16	10103364	M 16x1,5	4,5 - 9	50
ESKE/1-e 20	10103365	M 20x1,5	7 - 13	50
ESKE/1-e 25	10103366	M 25x1,5	10 - 17	50
ESKE/1-e 32	10103367	M 32x1,5	13 - 21	25
ESKE/1-e 40	10103368	M 40x1,5	17 - 28	10
ESKE/1-e 50	10103369	M 50x1,5	23 - 35	4
ESKE/1-e 63	10103370	M 63x1,5	34 - 48	1

ESKE/1-L-e, long thread



ESKE/1-L-e 12	10103379	M 12x1,5	3 - 6	50
ESKE/1-L-e 16	10103380	M 16x1,5	4,5 - 9	50
ESKE/1-L-e 20	10103381	M 20x1,5	7 - 13	50
ESKE/1-L-e 25	10103382	M 25x1,5	10 - 17	50
ESKE/1-L-e 32	10103383	M 32x1,5	13 - 21	25
ESKE/1-L-e 40	10103384	M 40x1,5	17 - 28	10
ESKE/1-L-e 50	10103385	M 50x1,5	23 - 35	4
ESKE/1-L-e 63	10103386	M 63x1,5	34 - 48	1

SPRINT® EX Cable glands LowTemp,
ESKE/1-e LT, for increased safety, metric

Marking Ex eb, Ex tb
Approval ATEX, IECEx
Protection class IP66 / IP68 (5 bar 30 min)
Glow wire test 750 °C

Temperature range -60 °C - 75 °C
Material Gland Polyamide, Gasket Silicone

ESKE/1-e LT



Type	RAL 9005	Threat	Ø Cable in mm	PU
ESKE/1-e 12 LT	10103429	M 12x1,5	3 - 6	50
ESKE/1-e 16 LT	10103430	M 16x1,5	4,5 - 9	50
ESKE/1-e 20 LT	10103431	M 20x1,5	7 - 13	50
ESKE/1-e 25 LT	10103432	M 25x1,5	10 - 17	50
ESKE/1-e 32 LT	10103433	M 32x1,5	13 - 21	25
ESKE/1-e 40 LT	10103434	M 40x1,5	17 - 28	10
ESKE/1-e 50 LT	10103435	M 50x1,5	23 - 35	4
ESKE/1-e 63 LT	10103436	M 63x1,5	34 - 48	1

ESKE/1-L-e LT, long thread



ESKE/1-L-e 12 LT	10103445	M 12x1,5	3 - 6	50
ESKE/1-L-e 16 LT	10103446	M 16x1,5	4,5 - 9	50
ESKE/1-L-e 20 LT	10103447	M 20x1,5	7 - 13	50
ESKE/1-L-e 25 LT	10103448	M 25x1,5	10 - 17	50
ESKE/1-L-e 32 LT	10103449	M 32x1,5	13 - 21	25
ESKE/1-L-e 40 LT	10103450	M 40x1,5	17 - 28	10
ESKE/1-L-e 50 LT	10103451	M 50x1,5	23 - 35	4
ESKE/1-L-e 63 LT	10103452	M 63x1,5	34 - 48	1

SPRINT® EX Cable glands with bend protection, ESKE/1S-e, for increased safety

Marking Ex eb, Ex tb
Approval IECEx, ATEX
Protection class IP66 / IP68 (5 bar 30 min)
Glow wire test 750 °C

Temperature range -40 °C - 75 °C
Material Gland Polyamide, Gasket EPDM

ESKE/1S-e, metric



Type	RAL 9005	Threat	Ø Cable in mm	PU
ESKE/1S-e 12	10103493	M 12x1,5	3 - 6	50
ESKE/1S-e 16	10103494	M 16x1,5	4,5 - 9	50
ESKE/1S-e 20	10103495	M 20x1,5	7 - 13	25
ESKE/1S-e 25	10103496	M 25x1,5	10 - 17	25
ESKE/1S-e 32	10103497	M 32x1,5	13 - 21	10

ESKE/1S-L-e, metric, long thread



ESKE/1S-L-e 12	10103503	M 12x1,5	3 - 6	50
ESKE/1S-L-e 16	10103504	M 16x1,5	4,5 - 9	50
ESKE/1S-L-e 20	10103505	M 20x1,5	7 - 13	25
ESKE/1S-L-e 25	10103506	M 25x1,5	10 - 17	50
ESKE/1S-L-e 32	10103507	M 32x1,5	13 - 21	10

SPRINT® EX Cable glands with external strain relief, ESKEZ-e, for increased safety

Marking Ex eb, Ex tb
Approval IECEx, ATEX
Protection class IP66 / IP68 (5 bar 30 min)
Glow wire test 750 °C

Temperature range -40 °C - 75 °C
Material Gland Polyamide, Gasket EPDM

ESKEZ-e, metric



Type	RAL 9005	Threat	Ø Cable in mm	PU
ESKEZ-e 20	10100455	M 20x1,5	8 - 13	50
ESKEZ-e 25	10100456	M 25x1,5	10 - 17	25
ESKEZ-e 32	10100457	M 32x1,5	16 - 21	10

ESKEZ-L-e, metric, long thread



ESKEZ-L-e 20	10100848	M 20x1,5	8 - 13	50
ESKEZ-L-e 25	10100849	M 25x1,5	10 - 17	25
ESKEZ-L-e 32	10100849	M 32x1,5	16 - 21	10

SPRINT® EX Cable glands,
ESKE/1-i, for intrinsic safety, metric

Marking	Ex tb, Ex eb
Approval	ATEX, IECEx
Protection class	IP66 / IP68 (5 bar 30 min)
Glow wire test	750 °C
Temperature range	-40 °C - 75 °C
Colour	RAL 5012 / RAL 9005
Material	Gland Polyamide, Gasket EPDM

ESKE/1-i



Type	Order No.	Threat	Ø Cable in mm	PU
ESKE/1-i 12	10103371	M 12x1,5	3 - 6	50
ESKE/1-i 16	10103372	M 16x1,5	4,5 - 9	50
ESKE/1-i 20	10103373	M 20x1,5	7 - 13	50
ESKE/1-i 25	10103374	M 25x1,5	10 - 17	50
ESKE/1-i 32	10103375	M 32x1,5	13 - 21	25
ESKE/1-i 40	10103376	M 40x1,5	17 - 28	10
ESKE/1-i 50	10103377	M 50x1,5	23 - 35	4
ESKE/1-i 63	10103378	M 63x1,5	34 - 48	1

ESKE/1-L-i, long thread



ESKE/1-L-i 12	10103387	M 12x1,5	3 - 6	50
ESKE/1-L-i 16	10103388	M 16x1,5	4,5 - 9	50
ESKE/1-L-i 20	10103389	M 20x1,5	7 - 13	50
ESKE/1-L-i 25	10103390	M 25x1,5	10 - 17	50
ESKE/1-L-i 32	10103391	M 32x1,5	13 - 21	25
ESKE/1-L-i 40	10103392	M 40x1,5	17 - 28	10
ESKE/1-L-i 50	10103393	M 50x1,5	23 - 35	4
ESKE/1-L-i 63	10103394	M 63x1,5	34 - 48	1

SPRINT® EX Cable glands LowTemp,
ESKE/1-i LT, for intrinsic safety, metric

Marking	Ex eb, Ex tb
Approval	IECEx, ATEX
Protection class	IP66 / IP68 (5 bar 30 min)
Glow wire test	750 °C
Temperature range	-60 °C - 75 °C
Colour	RAL 5012 / RAL 9005
Material	Gland Polyamide, Gasket Silicone

ESKE/1-i LT



Type	Order No	Threat	Ø Cable in mm	PU
ESKE/1-i 12 LT	10103437	M 12x1,5	3 - 6	50
ESKE/1-i 16 LT	10103438	M 16x1,5	4,5 - 9	50
ESKE/1-i 20 LT	10103439	M 20x1,5	7 - 13	50
ESKE/1-i 25 LT	10103440	M 25x1,5	10 - 17	50
ESKE/1-i 32 LT	10103441	M 32x1,5	13 - 21	25
ESKE/1-i 40 LT	10103442	M 40x1,5	17 - 28	10
ESKE/1-i 50 LT	10103443	M 50x1,5	23 - 35	4
ESKE/1-i 63 LT	10103444	M 63x1,5	34 - 48	1

ESKE/1-L-i LT, long thread



ESKE/1-L-i 12 LT	10103453	M 12x1,5	3 - 6	50
ESKE/1-L-i 16 LT	10103454	M 16x1,5	4,5 - 9	50
ESKE/1-L-i 20 LT	10103455	M 20x1,5	7 - 13	50
ESKE/1-L-i 25 LT	10103456	M 25x1,5	10 - 17	50
ESKE/1-L-i 32 LT	10103457	M 32x1,5	13 - 21	25
ESKE/1-L-i 40 LT	10103458	M 40x1,5	17 - 28	10
ESKE/1-L-i 50 LT	10103459	M 50x1,5	23 - 35	4
ESKE/1-L-i 63 LT	10103460	M 63x1,5	34 - 48	1

SPRINT® EX Cable glands with bend protection, ESKE/1S-i, for instrinsic safety, metric

Marking Ex eb, Ex tb
Approval IECEx, ATEX
Protection class IP66 / IP68 (5 bar 30 min)
Glow wire test 750 °C

Temperature range -40 °C - 75 °C
Colour RAL 5012 / RAL 9005
Material Gland Polyamide, Gasket EPDM

ESKE/1S-i



Type	Order No.	Threat	Ø Cable in mm	PU
EESKE/1S-i 12	10103498	M 12x1,5	3 - 6	50
ESKE/1S-i16	10103499	M 16x1,5	4,5 - 9	50
ESKE/1S-i 20	10103500	M 20x1,5	7 - 13	25
ESKE/1S-i 25	10103501	M 25x1,5	10 - 17	25
ESKE/1S-i 32	10103502	M 32x1,5	13 - 21	10

ESKE/1S-L-i, long thread



ESKE/1S-L-i 12	10103508	M 12x1,5	3 - 6	50
ESKE/1S-L-i 16	10103509	M 16x1,5	4,5 - 9	50
ESKE/1S-L-i 20	10103510	M 20x1,5	7 - 13	25
ESKE/1S-L-i 25	10103511	M 25x1,5	10 - 17	25
ESKE/1S-L-i 32	10103512	M 32x1,5	13 - 21	10

SPRINT® EX Cable glands with external strain relief, ESKEZ-e, for instrinsic safety, metric

Marking Ex eb, Ex tb
Approval ATEX, IECEx
Protection class IP66 / IP68 (5 bar 30 min)
Glow wire test 750 °C

Temperature range -40 °C - 75 °C
Colour RAL 5012 / RAL 9005
Material Gland Polyamide, Gasket EPDM

ESKEZ-i



Type	Order No.	Threat	Ø Cable in mm	PU
ESKEZ-i 20	10100453	M 20x1,5	8 - 13	50
ESKEZ-i 25	10100846	M 25x1,5	10 - 17	25
ESKEZ-i 32	10100454	M 32x1,5	16 - 21	10

ESKEZ-L-i, long thread



ESKEZ-L-i 20	10100852	M 20x1,5	8 - 13	50
ESKEZ-L-i 25	10100853	M 25x1,5	10 - 17	25
ESKEZ-L-i 32	10100854	M 32x1,5	16 - 21	10

Other technical data on request / Subject to modifications and amendments

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EX Adaptors,
EX-APM, polyamide, PG-metric

Marking Ex eb, Ex tb
Approval IECEx, ATEX
Protection class IP66 / IP68 (5 bar 30 min)

Temperature range -40 °C - 75 °C
Material Polyamide, fibre reinforced, Gasket EPDM



Type	RAL 9005	Thread from	Thread to	Form	PU
EX-APM 7/12	10064748	PG 7	M 12x1,5	A	25
EX-APM 7/16	10064749	PG 7	M 16x1,5	A	25
EX-APM 9/12	10064750	PG 9	M 12x1,5	A	25
EX-APM 9/16	10064751	PG 9	M 16x1,5	A	25
EX-APM 9/20	10064752	PG 9	M 20x1,5	A	25
EX-APM 11/16	10064753	PG 11	M 16x1,5	A	25
EX-APM 11/20	10064754	PG 11	M 20x1,5	A	25
EX-APM 11/25	10064755	PG 11	M 25x1,5	A	25
EX-APM 13,5/16	10064756	PG 13,5	M 16x1,5	A	25
EX-APM 13,5/20	10064757	PG 13,5	M 20x1,5	A	25
EX-APM 13,5/25	10064758	PG 13,5	M 25x1,5	A	25
EX-APM 16/20	10064759	PG 16	M 20x1,5	A	25
EX-APM 16/25	10064760	PG 16	M 25x1,5	A	25
EX-APM 16/32	10064761	PG 16	M 32x1,5	A	25
EX-APM 21/20	10064762	PG 21	M 20x1,5	B	10
EX-APM 21/25	10064763	PG 21	M 25x1,5	A	10
EX-APM 21/32	10064764	PG 21	M 32x1,5	A	10
EX-APM 21/40	10064765	PG 21	M 40x1,5	A	10
EX-APM 29/20	10064766	PG 29	M 20x1,5	B	10
EX-APM 29/25	10064767	PG 29	M 25x1,5	B	10
EX-APM 29/32	10064768	PG 29	M 32x1,5	B	10
EX-APM 29/40	10064769	PG 29	M 40x1,5	A	10
EX-APM 29/50	10064770	PG 29	M 50x1,5	A	10
EX-APM 36/20	10064771	PG 36	M 20x1,5	B	10
EX-APM 36/25	10064772	PG 36	M 25x1,5	B	10
EX-APM 36/32	10064773	PG 36	M 32x1,5	B	10
EX-APM 36/40	10064774	PG 36	M 40x1,5	B	10
EX-APM 36/50	10064775	PG 36	M 50x1,5	A	10
EX-APM 36/63	10064776	PG 36	M 63x1,5	A	10
EX-APM 42/20	10064777	PG 42	M 20x1,5	B	5
EX-APM 42/25	10064778	PG 42	M 25x1,5	B	5
EX-APM 42/32	10064779	PG 42	M 32x1,5	B	5
EX-APM 42/40	10064780	PG 42	M 40x1,5	B	5
EX-APM 42/50	10064781	PG 42	M 50x1,5	A	5
EX-APM 42/63	10064782	PG 42	M 63x1,5	A	5
EX-APM 48/20	10064783	PG 48	M 20x1,5	B	5
EX-APM 48/25	10064784	PG 48	M 25x1,5	B	5
EX-APM 48/32	10064785	PG 48	M 32x1,5	B	5
EX-APM 48/40	10064786	PG 48	M 40x1,5	B	5
EX-APM 48/50	10064787	PG 48	M 50x1,5	B	5
EX-APM 48/63	10064788	PG 48	M 63x1,5	A	5

EX Reduction adaptors, EX-KRM, polyamide, metric-metric

Marking Ex eb, Ex tb
Approval IECEx, ATEX
Protection class IP66 / IP68 (5 bar 30 min)

Temperature range -40 °C - 75 °C
Material Polyamide, fibre reinforced, Gasket EPDM



Type	RAL 9005	Thread from	Thread to	Form	PU
EX-KRM 16/12	10064720	M 16x1,5	M 12x1,5	A	100
EX-KRM 20/12	10064721	M 20x1,5	M 12x1,5	B	100
EX-KRM 20/16	10064722	M 20x1,5	M 16x1,5	A	100
EX-KRM 25/12	10064723	M 25x1,5	M 12x1,5	B	100
EX-KRM 25/16	10064724	M 25x1,5	M 16x1,5	B	100
EX-KRM 25/20	10064725	M 25x1,5	M 20x1,5	B	100
EX-KRM 32/16	10064726	M 32x1,5	M 16x1,5	B	50
EX-KRM 32/20	10064727	M 32x1,5	M 20x1,5	B	50
EX-KRM 32/25	10064728	M 32x1,5	M 25x1,5	B	50
EX-KRM 40/20	10064729	M 40x1,5	M 20x1,5	B	25
EX-KRM 40/25	10064730	M 40x1,5	M 25x1,5	B	25
EX-KRM 40/32	10064731	M 40x1,5	M 32x1,5	B	25
EX-KRM 50/20	10064732	M 50x1,5	M 20x1,5	B	5
EX-KRM 50/25	10064733	M 50x1,5	M 25x1,5	B	5
EX-KRM 50/32	10064734	M 50x1,5	M 32x1,5	B	5
EX-KRM 50/40	10064735	M 50x1,5	M 40x1,5	B	5
EX-KRM 63/20	10064736	M 63x1,5	M 20x1,5	B	5
EX-KRM 63/25	10064737	M 63x1,5	M 25x1,5	B	5
EX-KRM 63/32	10064738	M 63x1,5	M 32x1,5	B	5
EX-KRM 63/40	10064739	M 63x1,5	M 40x1,5	B	5
EX-KRM 63/50	10064740	M 63x1,5	M 50x1,5	B	5

EX enlargement adaptor, EX-KEM, polyamide, metric-metric

Marking Ex eb, Ex tb
Approval IECEx, ATEX
Protection class IP66

Temperature range -40 °C – 70 °C
Material Polyamide, fibre reinforced



Type	RAL 9005	Thread from	Thread to	PU
EX-KEM 12/16	10064741	M 12x1,5	M 16x1,5	100
EX-KEM 16/20	10064742	M 16x1,5	M 20x1,5	100
EX-KEM 20/25	10064743	M 20x1,5	M 25x1,5	100
EX-KEM 25/32	10064744	M 25x1,5	M 32x1,5	100
EX-KEM 32/40	10064745	M 32x1,5	M 40x1,5	50
EX-KEM 40/50	10064746	M 40x1,5	M 50x1,5	25
EX-KEM 50/63	10064747	M 50x1,5	M 63x1,5	5

Other technical data on request / Subject to modifications and amendments

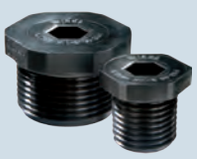
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EX Stop ends, EX-EVSG, polyamide, metric

Marking Ex eb, Ex tb
Approval IECEx, ATEX
Protection class IP66 / IP68 (5 bar 30 min)

Temperature range -40 °C - 75 °C
Material Polyamide

EX-EVSG, Gasket EPDM



Type	RAL 9005	Threat	PU
EX-EVSG 12	10065300	M 12x1,5	100
EX-EVSG 16	10065301	M 16x1,5	100
EX-EVSG 20	10065302	M 20x1,5	100
EX-EVSG 25	10065303	M 25x1,5	100
EX-EVSG 32	10065304	M 32x1,5	50
EX-EVSG 40	10065305	M 40x1,5	30
EX-EVSG 50	10065306	M 50x1,5	30
EX-EVSG 63	10065307	M 63x1,5	30
EX-EVSG 75	10065308	M 75x1,5	2

EX-EVSG LT, LowTemp, Gasket Silicone



EX-EVSG 12 LT	10109529	M 12x1,5	100
EX-EVSG 16 LT	10109530	M 16x1,5	100
EX-EVSG 20 LT	10109531	M 20x1,5	100
EX-EVSG 25 LT	10109532	M 25x1,5	100
EX-EVSG 32 LT	10109533	M 32x1,5	50
EX-EVSG 40 LT	10109534	M 40x1,5	30
EX-EVSG 50 LT	10109535	M 50x1,5	30
EX-EVSG 63 LT	10109536	M 63x1,5	30
EX-EVSG 75 LT	10109537	M 75x1,5	2

SPRINT® ATEX Cable glands, EMSKE, brass nickel-plated, metric

Marking Ex eb, Ex tb
Approval ATEX, IECEx
Protection class IP66 / IP68 (5 bar 30 min)
Temperature range -40 °C · 75 °C

Material Gland Brass nickel-plated, Clamping cage Polyamide, Gasket EPDM

EMSKE



Type	Order No.	Threat	Ø Cable in mm	PU
EMSKE 12	10065040	M 12x1,5	4 - 7	50
EMSKE 16	10065041	M 16x1,5	5 - 10	50
EMSKE 20	10065042	M 20x1,5	6 - 13	50
EMSKE 25	10065043	M 25x1,5	10 - 17	50
EMSKE 32	10065044	M 32x1,5	13 - 21	25
EMSKE 40	10065045	M 40x1,5	16 - 28	10
EMSKE 50	10065046	M 50x1,5	21 - 35	10
EMSKE 63	10065047	M 63x1,5	34 - 48	10
EMSKE 75	10104386	M 75x1,5	48 - 62	1

EMSKE-L, long thread



EMSKE-L 12	10065048	M 12x1,5	4 - 7	50
EMSKE-L 16	10065049	M 16x1,5	5 - 10	50
EMSKE-L 20	10065050	M 20x1,5	6 - 13	50
EMSKE-L 25	10065051	M 25x1,5	10 - 17	50
EMSKE-L 32	10065052	M 32x1,5	13 - 21	25
EMSKE-L 40	10065053	M 40x1,5	16 - 28	10
EMSKE-L 50	10065054	M 50x1,5	21 - 35	10
EMSKE-L 63	10065055	M 63x1,5	34 - 48	10

SPRINT® EX Cable gland, NMSKE, brass nickel-plated, NPT

Marking Ex eb, Ex tb
Approval ATEX, IECEx
Protection class IP66 / IP68 (5 bar 30 min)
Temperature range -40 °C · 75 °C

Material Gland Brass nickel-plated, Clamping cage Polyamide, Gasket EPDM



Type	Order No.	Threat	Ø Cable in mm	PU
NMSKE 1/4	10101082	NPT 1/4"	4 - 7	50
NMSKE 3/8	10101083	NPT 3/8"	5 - 10	50
NMSKE 1/2	10101084	NPT 1/2"	6 - 13	50
NMSKE 3/4	10101085	NPT 3/4"	10 - 17	50
NMSKE 1	10101086	NPT 1"	13 - 21	25
NMSKE 1 1/4	10101087	NPT 1 1/4"	16 - 28	10
NMSKE 1 1/2	10101088	NPT 1 1/2"	21 - 35	10
NMSKE 2	10101089	NPT 2"	34 - 48	10

Other technical data on request / Subject to modifications and amendments

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SPRINT® EX Cable glands LowTemp, EMSKE LT, brass nickel-plated, metric

Marking Ex eb, Ex tb
Approval ATEX, IECEx
Protection class IP66 / IP68 (5 bar 30 min)
Temperature range -60 °C · 75 °C

Material Gland Brass nickel-plated
Clamping cage Polyamide,
Gasket Silicone

EMSKE LT



Type	Order No.	Threat	Ø Cable in mm	PU
EMSKE 12 LT	10065946	M 12x1,5	4 - 7	50
EMSKE 16 LT	10065947	M 16x1,5	5 - 10	50
EMSKE 20 LT	10065948	M 20x1,5	6 - 13	50
EMSKE 25 LT	10065949	M 25x1,5	10 - 17	50
EMSKE 32 LT	10065950	M 32x1,5	13 - 21	25
EMSKE 40 LT	10065951	M 40x1,5	16 - 28	10
EMSKE 50 LT	10065952	M 50x1,5	21 - 35	10
EMSKE 63 LT	10065953	M 63x1,5	34 - 48	10

EMSKE-L LT, long thread



EMSKE-L 12 LT	10065938	M 12x1,5	4 - 7	50
EMSKE-L 16 LT	10065939	M 16x1,5	5 - 10	50
EMSKE-L 20 LT	10065940	M 20x1,5	6 - 13	50
EMSKE-L 25 LT	10065941	M 25x1,5	10 - 17	50
EMSKE-L 32 LT	10065942	M 32x1,5	13 - 21	25
EMSKE-L 40 LT	10065943	M 40x1,5	16 - 28	10
EMSKE-L 50 LT	10065944	M 50x1,5	21 - 35	10
EMSKE-L 63 LT	10065945	M 63x1,5	34 - 48	10

SPRINT® EX Cable gland with external strain relief, EMSKEZ, metric

Marking Ex eb, Ex tb
Approval ATEX, IECEx
Protection class IP68 (5 bar 30 min)
Temperature range -40 °C · 75 °C

Material Gland Brass nickel-plated,
Clamping cage Polyamide,
Gasket EPDM



Type	Order No.	Threat	Ø Cable in mm	PU
EMSKEZ 16	10063071	M 16x1,5	6,5 - 10	25
EMSKEZ 20	10063072	M 20x1,5	8 - 13	25
EMSKEZ 25	10063073	M 25x1,5	10 - 17	25
EMSKEZ 32	10063074	M 32x1,5	16 - 21	25
EMSKEZ 40	10063075	M 40x1,5	18 - 28	10
EMSKEZ 50	10063076	M 50x1,5	22 - 35	10
EMSKEZ 63	10063077	M 63x1,5	35 - 48	10

SPRINT® EX EMC Cable glands with contact spring insert, EMSKE EMV-S

Marking Ex tb, Ex eb
Approval ATEX, IECEx
Protection class IP66 / IP68 (5 bar 30 min)
Temperature range -40 °C · 75 °C

Material Gland Brass nickel-plated, Clamping cage Polyamide, Contact spring insert Stainless steel 1.4310, Gasket EPDM

EMSKE EMV-S, metric



Type	Order No.	Threat	Ø Cable in mm	PU
EMSKE 12 EMV-S	10102971	M 12x1,5	4 - 7	50
EMSKE 16 EMV-S	10102972	M 16x1,5	5 - 10	50
EMSKE 20 EMV-S	10102973	M 20x1,5	6 - 13	50
EMSKE 25 EMV-S	10102974	M 25x1,5	10 - 17	50
EMSKE 32 EMV-S	10102975	M 32x1,5	13 - 21	25
EMSKE 40 EMV-S	10102976	M 40x1,5	16 - 28	10
EMSKE 50 EMV-S	10102977	M 50x1,5	21 - 35	10
EMSKE 63 EMV-S	10102978	M 63x1,5	34 - 48	10

EMSKE-L EMV-S, metric, long thread



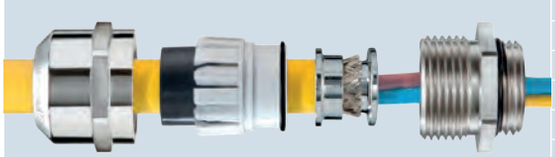
EMSKE-L 12 EMV-S	10109986	M 12x1,5	4 - 7	50
EMSKE-L 16 EMV-S	10109987	M 16x1,5	5 - 10	50
EMSKE-L 20 EMV-S	10109988	M 20x1,5	6 - 13	50
EMSKE-L 25 EMV-S	10109989	M 25x1,5	10 - 17	50
EMSKE-L 32 EMV-S	10109990	M 32x1,5	13 - 21	25
EMSKE-L 40 EMV-S	10109991	M 40x1,5	16 - 28	10
EMSKE-L 50 EMV-S	10109992	M 50x1,5	21 - 35	10
EMSKE-L 63 EMV-S	10109993	M 63x1,5	34 - 48	10

SPRINT® EX EMC Cable glands with earthing cones DIN 89345, EMSKE EMV-Z

Marking Ex eb, Ex tb
Approval ATEX, IECEx
Protection class IP66 / IP68 (5 bar 30 min)
Temperature range -40 °C · 75 °C

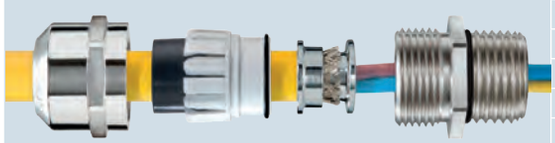
Material Gland Brass nickel-plated, Clamping cage Polyamide, Contact spring insert Brass chromium-plated, Gasket EPDM

EMSKE EMV-Z, metric



Type	Order No.	Threat	Ø Cable in mm	PU
EMSKE 12 EMV-Z	10065056	M 12x1,5	4 - 7	50
EMSKE 16 EMV-Z	10065057	M 16x1,5	5 - 10	50
EMSKE 20 EMV-Z	10065058	M 20x1,5	6 - 13	50
EMSKE 25 EMV-Z	10065059	M 25x1,5	10 - 17	50
EMSKE 32 EMV-Z	10065060	M 32x1,5	13 - 21	25
EMSKE 40 EMV-Z	10065061	M 40x1,5	16 - 28	10
EMSKE 50 EMV-Z	10065062	M 50x1,5	21 - 35	10
EMSKE 63 EMV-Z	10065063	M 63x1,5	34 - 48	10
EMSKE 75 EMV-Z	10104143	M75X1,5	48 - 62	1

EMSKE-L EMV-Z, metric, long thread



EMSKE-L 12 EMV-Z	10065922	M 12x1,5	4 - 7	50
EMSKE-L 16 EMV-Z	10065923	M 16x1,5	5 - 10	50
EMSKE-L 20 EMV-Z	10065924	M 20x1,5	6 - 13	50
EMSKE-L 25 EMV-Z	10065925	M 25x1,5	10 - 17	50
EMSKE-L 32 EMV-Z	10065926	M 32x1,5	13 - 21	25
EMSKE-L 40 EMV-Z	10065927	M 40x1,5	16 - 28	10
EMSKE-L 50 EMV-Z	10065928	M 50x1,5	21 - 35	10
EMSKE-L 63 EMV-Z	10065929	M 63x1,5	34 - 48	10

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

EX Stop ends, EX-EMVS, brass nickel-plated, metric

Marking Ex e, Ex tb
Approval IECEx, ATEX
Protection class IP66 / IP68 (5 bar 30 min)
Temperature range -40 °C - 120 °C

Material Brass nickel-plated, Gasket EPDM



Type	Order No.	Threat	PU
EX-EMVS 12	10065331	M 12x1,5	10
EX-EMVS 16	10065332	M 16x1,5	10
EX-EMVS 20	10065333	M 20x1,5	10
EX-EMVS 25	10065334	M 25x1,5	10
EX-EMVS 32	10065335	M 32x1,5	5
EX-EMVS 40	10065336	M 40x1,5	5
EX-EMVS 50	10065337	M 50x1,5	1
EX-EMVS 63	10065338	M 63x1,5	1

EX stop ends LowTemp, EX-EMVS LT, brass nickel-plated, metric

Marking Ex e, Ex tb
Approval IECEx, ATEX
Protection class IP66 / IP68 (5 bar 30 min)
Temperature range -60 °C - 120 °C

Material Brass nickel-plated, Gasket Silicone



EX-EMVS 12 LT	10109790	M 12x1,5	10
EX-EMVS 16 LT	10109791	M 16x1,5	10
EX-EMVS 20 LT	10109792	M 20x1,5	10
EX-EMVS 25 LT	10109559	M 25x1,5	10
EX-EMVS 32 LT	10109793	M 32x1,5	5
EX-EMVS 40 LT	10109794	M 40x1,5	5
EX-EMVS 50 LT	10109795	M 50x1,5	1
EX-EMVS 63 LT	10109796	M 63x1,5	1

SPRINT® EX Cable glands, ESSKE, stainless steel, metric

Marking Ex tb, Ex eb
Approval ATEX, IECEx
Protection class IP66 / IP68 (5 bar 30 min)
Temperature range -40 °C · 75 °C

Material Gland Stainless steel, Clamping cage Polyamide, Gasket EPDM

ESSKE, stainless steel A2 1.4305



Type	Order No.	Threat	Ø Cable in mm	PU
ESSKE 12	10069200	M 12x1,5	4 · 7	10
ESSKE 16	10069201	M 16x1,5	5 · 10	10
ESSKE 20	10069202	M 20x1,5	6 · 13	10
ESSKE 25	10069203	M 25x1,5	10 · 17	10
ESSKE 32	10069204	M 32x1,5	13 · 21	5
ESSKE 40	10069205	M 40x1,5	16 · 28	5
ESSKE 50	10069206	M 50x1,5	21 · 35	2
ESSKE 63	10069207	M 63x1,5	34 · 48	1

ESSKE-4, stainless steel A4 1.4404



ESSKE-4 12	10069232	M 12x1,5	4 · 7	10
ESSKE-4 16	10069233	M 16x1,5	5 · 10	10
ESSKE-4 20	10069234	M 20x1,5	6 · 13	10
ESSKE-4 25	10069235	M 25x1,5	10 · 17	10
ESSKE-4 32	10069236	M 32x1,5	13 · 21	5
ESSKE-4 40	10069237	M 40x1,5	16 · 28	5
ESSKE-4 50	10069238	M 50x1,5	21 · 35	2
ESSKE-4 63	10069239	M 63x1,5	34 · 48	1

SPRINT® EX Cable glands LowTemp, ESSKE LT, stainless steel, metric

Marking Ex tb, Ex eb
Approval ATEX, IECEx
Protection class IP66 / IP68 (5 bar 30 min)
Temperature range -60 °C · 75 °C

Material Gland Stainless steel, Clamping cage Polyamide, Gasket Silicone

ESSKE LT, stainless steel A2 1.4305



Type	Order No.	Threat	Ø Cable in	PU
ESSKE 12 LT	10065986	M 12x1,5	4 · 7	10
ESSKE 16 LT	10065987	M 16x1,5	5 · 10	10
ESSKE 20 LT	10065988	M 20x1,5	6 · 13	10
ESSKE 25 LT	10065989	M 25x1,5	10 · 17	10
ESSKE 32 LT	10065990	M 32x1,5	13 · 21	5
ESSKE 40 LT	10065991	M 40x1,5	16 · 28	5
ESSKE 50 LT	10065992	M 50x1,5	21 · 35	2

ESSKE-4 LT, stainless steel A4 1.4404



ESSKE-4 12 LT	10065389	M 12x1,5	4 · 7	10
ESSKE-4 16 LT	10065390	M 16x1,5	5 · 10	10
ESSKE-4 20 LT	10065391	M 20x1,5	6 · 13	10
ESSKE-4 25 LT	10065392	M 25x1,5	10 · 17	10
ESSKE-4 32 LT	10065393	M 32x1,5	13 · 21	5
ESSKE-4 40 LT	10065394	M 40x1,5	16 · 28	5
ESSKE-4 50 LT	10065395	M 50x1,5	21 · 35	2
ESSKE-4 63 LT	10065396	M 63x1,5	34 · 48	1

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

SPRINT® EX EMC Cable glands with earthing cones **DIN 89345**, ESSKE EMV-Z

Marking Ex eb, Ex tb
Approval ATEX, IECEx
Protection class IP68 (5 bar 30 min) / IP66
Temperature range -40 °C · 75 °C

Material Gland Stainless steel, Clamping cage Polyamide, Gasket EPDM

ESSKE EMV-Z, stainless steel A2 1.4305, metric



Type	Order No.	Threat	Ø Cable in mm	PU
ESSKE 12 EMV-Z	10069216	M 12x1,5	4 - 7	10
ESSKE 16 EMV-Z	10069217	M 16x1,5	5 - 10	10
ESSKE 20 EMV-Z	10069218	M 20x1,5	6 - 13	10
ESSKE 25 EMV-Z	10069219	M 25x1,5	10 - 17	10
ESSKE 32 EMV-Z	10069220	M 32x1,5	13 - 21	5
ESSKE 40 EMV-Z	10069221	M 40x1,5	16 - 28	5
ESSKE 50 EMV-Z	10069222	M 50x1,5	21 - 35	2
ESSKE 63 EMV-Z	10069223	M 63x1,5	34 - 48	1

ESSKE-4 EMV-Z, stainless steel A4 1.4404, metric



ESSKE-4 12 EMV-Z	10069248	M 12x1,5	4 - 7	10
ESSKE-4 16 EMV-Z	10069249	M 16x1,5	5 - 10	10
ESSKE-4 20 EMV-Z	10069250	M 20x1,5	6 - 13	10
ESSKE-4 25 EMV-Z	10069251	M 25x1,5	10 - 17	10
ESSKE-4 32 EMV-Z	10069252	M 32x1,5	13 - 21	5
ESSKE-4 40 EMV-Z	10069253	M 40x1,5	16 - 28	5
ESSKE-4 50 EMV-Z	10069254	M 50x1,5	21 - 35	2
ESSKE-4 63 EMV-Z	10069255	M 63x1,5	34 - 48	1

EX d Cable gland for non-armoured cables,
OS-A2F-U, brass nickel-plated, metric

Marking Ex eb, Ex tbEx db
Approval IECEx, ATEX
Protection class IP66 / IP67
Temperature range -60 °C - 110 °C

Material Gland Brass nickel-plated, Gasket Silicone



Type	Order No.	Threat	Ø Cable in mm	PU
OS-A2F-U 16 / M16	50107568	M 16x1,5	3 - 7	1
OS-A2F-U 16X / M16	50107569	M 16x1,5	5 - 10,3	1
OS-A2F-U 16X / M20	50108019	M 20x1,5	5 - 10,3	1
OS-A2F-U 20 / M20	50107570	M 20x1,5	9 - 15,3	1
OS-A2F-U 25 / M25	50107571	M 25x1,5	13 - 20	1
OS-A2F-U 32 / M32	50107572	M 25x1,5	17 - 26,5	1
OS-A2F-U 40 / M40	50107573	M 40x1,5	22 - 32	1
OS-A2F-U 50 / M50	50107574	M 50x1,5	30 - 42	1
OS-A2F-U 63 / M63	50107575	M 63x1,5	39 - 51	1
OS-A2F-U 63X / M63	50107576	M 63x1,5	46 - 55	1
OS-A2F-U 75 / M75	50107577	M 75x1,5	54 - 61	1
OS-A2F-U 75X / M75	50107578	M 75x1,5	58 - 68	1

EX d Cable gland for armoured cables,
OS-E1UF, brass nickel-plated, metric

Marking Ex eb, Ex tbEx db
Approval IECEx, ATEX
Protection class IP66 / IP67
Temperature range -60 °C - 110 °C

Material Gland Brass nickel-plated, Gasket Silicone



Type	Order No.	Threat	Ø Cable in mm	PU
OS-E1UF 16 / M16	50107579	M 16x1,5	9 - 15,5	1
OS-E1UF 20 / M20	50107580	M 20x1,5	13,2 - 20,5	1
OS-E1UF 25 / M25	50107581	M 25x1,5	17 - 26	1
OS-E1UF 32 / M32	50107582	M 32x1,5	24 - 33,5	1
OS-E1UF 40 / M40	50107583	M 40x1,5	30 - 41,5	1
OS-E1UF 50 / M50	50107584	M 50x1,5	38 - 50	1
OS-E1UF 63 / M63	50107585	M 63x1,5	45 - 60	1
OS-E1UF 63X / M63	50107586	M 63x1,5	55 - 66	1
OS-E1UF 75 / M75	50107587	M 75x1,5	58 - 72	1
OS-E1UF 75X / M75	50107588	M 75x1,5	66,1 - 79	1

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

EX d Stop end, OSSP, brass nickel-plated, metric

Marking Ex eb, Ex dbEx tb
Approval ATEX, IECEx
Protection class IP66 / IP67
Temperature range -60 °C · 120 °C

Material Gasket CR, Brass nickel-plated



Type	Order No.	Threat	PU
OSSP-R 16 / M16	50065610	M 16x1,5	1
OSSP-R 20 / M20	50065611	M 20x1,5	1
OSSP-R 25 / M25	50065612	M 25x1,5	1
OSSP-R 32 / M32	50065613	M 32x1,5	1
OSSP-R 40 / M40	50065614	M 40x1,5	1
OSSP-R 50 / M50	50065615	M 50x1,5	1
OSSP-R 63 / M63	50065616	M 63x1,5	1
OSSP-R 75 / M75	50065617	M 75x1,5	1

EX d Reduction adaptor, OSRA, brass nickel-plated, metric-metric

Marking Ex eb, Ex tbEx db
Approval IECEx, ATEX
Protection class IP66 / IP67
Temperature range -60 °C · 110 °C

Material Brass nickel-plated



Type	Order No.	Outer Threat	Inner Threat	PU
OSRA 20 / M20(M)*M16(F)	50065650	M 20x1,5	M 16x1,5	1
OSRA 25 / M25(M)*M16(F)	50065651	M 25x1,5	M 16x1,5	1
OSRA 25 / M25(M)*M20(F)	50065652	M 25x1,5	M 20x1,5	1
OSRA 32 / M32(M)*M16(F)	50065653	M 32x1,5	M 16x1,5	1
OSRA 32 / M32(M)*M20(F)	50065654	M 32x1,5	M 20x1,5	1
OSRA 32 / M32(M)*M25(F)	50065655	M 32x1,5	M 25x1,5	1
OSRA 40 / M40(M)*M20(F)	50065656	M 40x1,5	M 20x1,5	1
OSRA 40 / M40(M)*M25(F)	50065657	M 40x1,5	M 25x1,5	1
OSRA 40 / M40(M)*M32(F)	50065658	M 40x1,5	M 32x1,5	1
OSRA 50 / M50(M)*M25(F)	50065659	M 50x1,5	M 25x1,5	1
OSRA 50 / M50(M)*M32(F)	50065660	M 50x1,5	M 32x1,5	1
OSRA 50 / M50(M)*M40(F)	50065661	M 50x1,5	M 40x1,5	1
OSRA 63 / M63(M)*M32(F)	50065662	M 63x1,5	M 32x1,5	1
OSRA 63 / M63(M)*M40(F)	50065663	M 63x1,5	M 40x1,5	1
OSRA 63 / M63(M)*M50(F)	50065664	M 63x1,5	M 50x1,5	1
OSRA 75 / M75(M)*M40(F)	50065665	M 75x1,5	M 40x1,5	1
OSRA 75 / M75(M)*M50(F)	50065666	M 75x1,5	M 50x1,5	1
OSRA 75 / M75(M)*M63(F)	50065667	M 75x1,5	M 63x1,5	1

Earth tag, OSET, brass

Material Brass nickel-plated



Type	Order No.	For Cable gland	PU
OSET 16 / M16	50065634	M 16	1
OSET 20 / M20	50065635	M 20	1
OSET 25 / M25	50065636	M 25	1
OSET 32 / M32	50065637	M 32	1
OSET 40 / M40	50065638	M 40	1
OSET 50 / M50	50065639	M 50	1
OSET 63 / M63	50065640	M 63	1
OSET 75 / M75	50065641	M 75	1

EX d Enlargement adaptor, OSAJ, brass nickel-plated, metric-metric

Marking Ex eb, Ex dbEx tb
Approval IECEx, ATEX
Protection class IP66 / IP67
Temperature range -60 °C - 110 °C

Material Brass nickel-plated



Type	Order No.	Outer Threat	Inner Threat	PU
OSAJ 20 / M16(M)*M20(F)	50065686	M 16x1,5	M 20x1,5	1
OSAJ 25 / M16(M)*M25(F)	50065687	M 16x1,5	M 25x1,5	1
OSAJ 25 / M20(M)*M25(F)	50065688	M 20x1,5	M 25x1,5	1
OSAJ 32 / M16(M)*M32(F)	50065689	M 16x1,5	M 32x1,5	1
OSAJ 32 / M20(M)*M32(F)	50065690	M 20x1,5	M 32x1,5	1
OSAJ 32 / M25(M)*M32(F)	50065691	M 25x1,5	M 32x1,5	1
OSAJ 40 / M20(M)*M40(F)	50065692	M 20x1,5	M 40x1,5	1
OSAJ 40 / M25(M)*M40(F)	50065693	M 25x1,5	M 40x1,5	1
OSAJ 40 / M32(M)*M40(F)	50065694	M 32x1,5	M 40x1,5	1
OSAJ 50 / M25(M)*M50(F)	50065695	M 25x1,5	M 50x1,5	1
OSAJ 50 / M32(M)*M50(F)	50065696	M 32x1,5	M 50x1,5	1
OSAJ 50 / M40(M)*M50(F)	50065697	M 40x1,5	M 50x1,5	1
OSAJ 63 / M32(M)*M63(F)	50065698	M 32x1,5	M 63x1,5	1
OSAJ 63 / M40(M)*M63(F)	50065699	M 40x1,5	M 63x1,5	1
OSAJ 63 / M50(M)*M63(F)	50065700	M 50x1,5	M 63x1,5	1
OSAJ 75 / M40(M)*M75(F)	50065701	M 40x1,5	M 75x1,5	1
OSAJ 75 / M50(M)*M75(F)	50065702	M 50x1,5	M 75x1,5	1
OSAJ 75 / M63(M)*M75(F)	50065703	M 63x1,5	M 75x1,5	1

Shrouds, OSSH, polyamide

Material CR

OSSH (A), type A



Type	Order No.	For Cable gland	PU
OSSH-A16	50065626	E1UF / W 16	1
OSSH-A20	50065627	E1UF / W 20	1
OSSH-A25	50065628	E1UF / W 25	1
OSSH-A32	50065629	E1UF / W 32	1
OSSH-A40	50065630	E1UF / W 40	1
OSSH-A50	50065631	E1UF / W 50	1
OSSH-A63	50065632	E1UF / W 63	1
OSSH-A75	50065633	E1UF / W 75	1

OSSH (B), type B



OSSH-B16	50065642	A2F16	1
OSSH-B20	50065643	A2F20	1
OSSH-B25	50065644	A2F25	1
OSSH-B32	50065645	A2F32	1
OSSH-B40	50065646	A2F40	1
OSSH-B50	50065647	A2F50	1
OSSH-B63	50065648	A2F63	1
OSSH-B75	50065649	A2F75	1

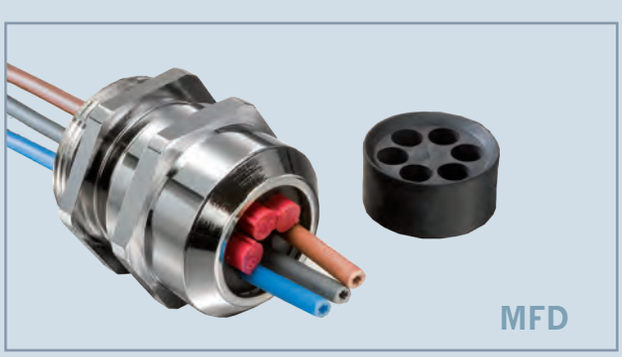
Other technical data on request / Subject to modifications and amendments

WISKA make power smile

Sealings

Our comprehensive range of reduction, multiple and special sealing inserts can be combined with all cable glands and materials from the SPRINT® cable gland system, meeting at least the IP66 standard. In addition to individual versions, we also offer various materials for special use, i.e. low temperatures.

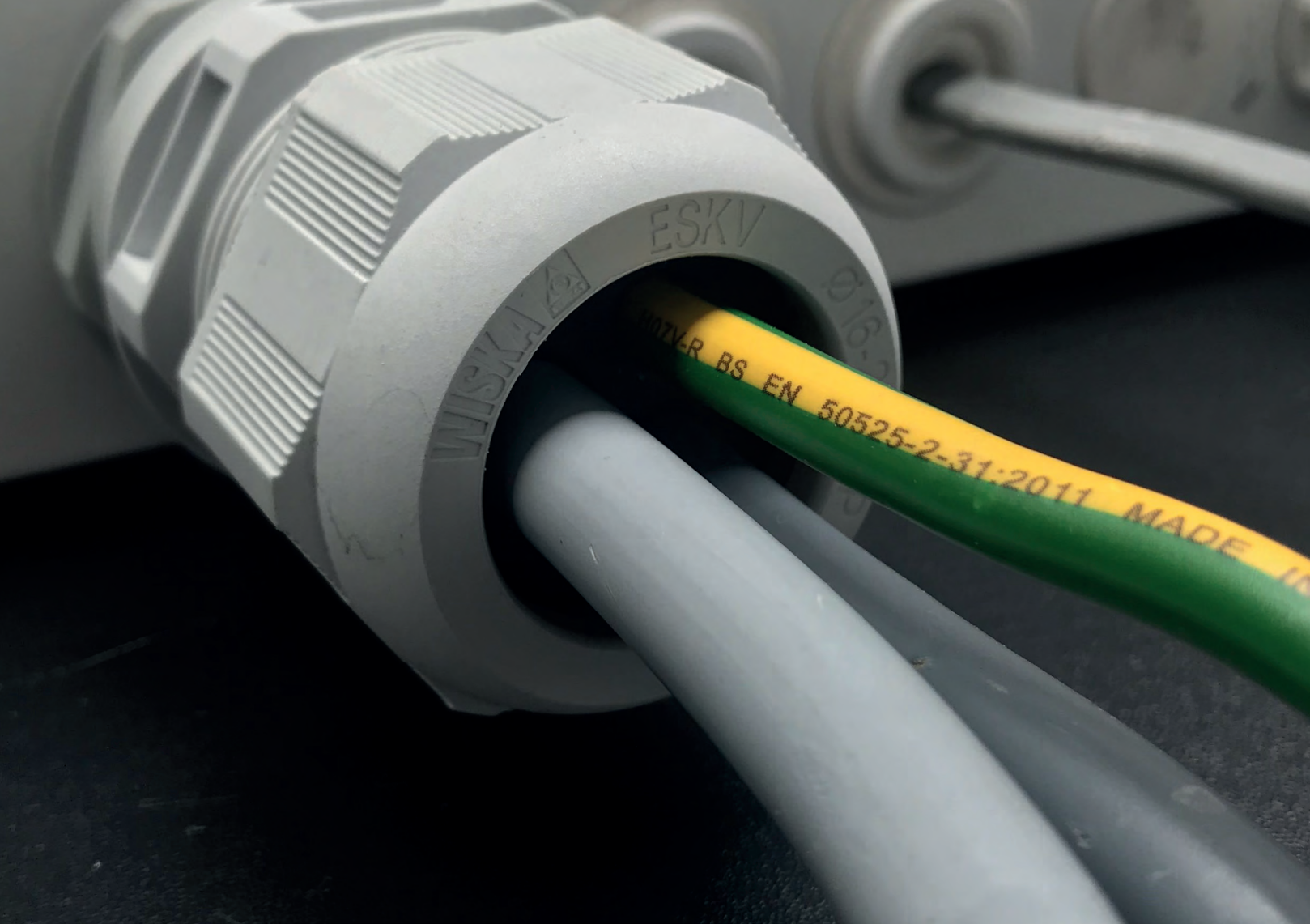












Our products at a glance

Multiple seals (MFD) (Page 68 - 69)



Special sealing inserts (Page 70)
(FFD, SFD, GFD)



Reduction sealing inserts (RDE) (Page 71)



Blind sealing inserts (VFD) (Page 71)



Connection thread gaskets (Page 72)



O-ring seals (Page 73)



Blind plugs (BS) (Page 73)



Explore more...

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SPRINT® Multiple sealing insert, MFD

RoHS

Protection class IP66 / IP68
Temperature range -40 °C · 100 °C
Material Thermoplastic elastomer

Remark IP68: Ø Cable diameter min. = Ø Cable diameter max. · 10%, but not bigger than 1 mm under the Ø Cable diameter max.



Type	RAL 9005	Ø Cable in mm	Suitable for Cable Gland	PU
MFD 12/01/015	10102489	0,5 · 1,5	SPRINT® 12	25
MFD 12/02/020	10100525	1 · 2	SPRINT® 12	25
MFD 12/04/020	10064392	1 · 2	SPRINT® 12	25
MFD 16/02/016	10111788	0,6 · 1,6	SPRINT® 16	25
MFD 16/02/040	10064393	2 · 4	SPRINT® 16	25
MFD 16/03/016	10111789	0,6 · 1,6	SPRINT® 16	25
MFD 16/02/045	10110903	2,5 · 4,5	SPRINT® 16	25
MFD 16/03/021	10101014	1 · 2,1	SPRINT® 16	25
MFD 16/03/025	10103165	1 · 2,5	SPRINT® 16	25
MFD 16/03/030	10103716	1 · 3	SPRINT® 16	25
MFD 16/04/025	10109239	1 · 2,5	SPRINT® 16	25
MFD 16/05/020	10105950	1 · 2	SPRINT® 16	25
MFD 20/01/040	10111948	2 · 4	SPRINT® 20	25
MFD 20/01/060	10102387	4 · 6	SPRINT® 20	25
MFD 20/01/075-02/021	10104887	1 · 7,5	SPRINT® 20	25
MFD 20/01/090	10102841	7 · 9	SPRINT® 20	25
MFD 20/01/075-02/021	10104888	1 · 4,8	SPRINT® 20	25
MFD 20/02/045-02/030	10105643	1,5 · 4,5	SPRINT® 20	25
MFD 20/02/025	10109287	1 · 2,5	SPRINT® 20	25
MFD 20/02/040	10109614	2 · 4	SPRINT® 20	25
MFD 20/02/050	10101015	3 · 5	SPRINT® 20	25
MFD 20/02/060	10064395	4 · 6	SPRINT® 20	25
MFD 20/02/065	10060953	4,5 · 6,5	SPRINT® 20	25
MFD 20/03/040	10064341	2,5 · 4	SPRINT® 20	25
MFD 20/03/045	10102306	2,5 · 4,5	SPRINT® 20	25
MFD 20/03/048	10104156	3 · 4,8	SPRINT® 20	25
MFD 20/03/055	10105412	3,5 · 5,5	SPRINT® 20	25
MFD 20/04/030	10102722	1 · 3	SPRINT® 20	25
MFD 20/04/040	10106843	2 · 4	SPRINT® 20	25
MFD 20/05/030	10102853	1 · 3	SPRINT® 20	25
MFD 20/07/010	10105299	0,5 · 1	SPRINT® 20	25
MFD 20/06/030	10105685	1 · 3	SPRINT® 20	25
MFD 25/01/050	10109789	3 · 5	SPRINT® 25	25
MFD 25/01/065	10060954	4 · 6,5	SPRINT® 25	25
MFD 25/01/090	10101016	7 · 9	SPRINT® 25	25
MFD 25/01/105-01/055	10101255	4,5 · 10,5	SPRINT® 25	25
MFD 25/01/094-01/058	10106779	3,8 · 9,4	SPRINT® 25	25
MFD 25/01/094-01/063	10107154	4,3 · 9,4	SPRINT® 25	25
MFD 25/02/030	10102655	1 · 3	SPRINT® 25	25
MFD 25/02/060	10060452	4 · 6	SPRINT® 25	25
MFD 25/02/060	10110889	4 · 6	SPRINT® 25	100
MFD 25/02/070	10063995	5 · 7	SPRINT® 25	25
MFD 25/02/070-01/040	10102979	2 · 7	SPRINT® 25	25
MFD 25/02/080	10060952	6 · 8	SPRINT® 25	25
MFD 25/03/045	10103325	2,5 · 4,5	SPRINT® 25	25
MFD 25/03/060	10104351	4 · 6	SPRINT® 25	25
MFD 25/03/060	10110890	4 · 6	SPRINT® 25	100
MFD 25/03/070	10064342	5 · 7	SPRINT® 25	25
MFD 25/03/073	10107540	5,3 · 7,3	SPRINT® 25	25
MFD 25/02/060-01/080	10111056	4 · 8	SPRINT® 25	25
MFD 25/04/060	10064343	4 · 6	SPRINT® 25	25
MFD 25/04/060	10110891	4 · 6	SPRINT® 25	100
MFD 25/04/064	10107541	4,4 · 6,4	SPRINT® 25	25
MFD 25/05/056	10102023	4,6 · 5,6	SPRINT® 25	25
MFD 25/05/056	10110892	4,6 · 5,6	SPRINT® 25	100



Type	RAL 9005	Ø Cable in mm	Suitable for Cable Gland	PU
MFD 32/01/050	10103157	3 · 5	SPRINT® 32	25
MFD 32/01/073	10110362	4 · 7,3	SPRINT® 32	25
MFD 32/01/090	10110285	7 · 9	SPRINT® 32	25
MFD 32/01/120	10110361	9 · 12	SPRINT® 32	25
MFD 32/01/060-02/090	10103653	4 · 9	SPRINT® 32	25
MFD 32/01/100-01/090	10108826	8 · 10	SPRINT® 32	25
MFD 32/01/115-01/050	10102794	4 · 11,5	SPRINT® 32	25
MFD 32/01/115-01/065	10104604	4,5 · 11,5	SPRINT® 32	25
MFD 32/01/115-01/085	10101256	7,5 · 11,5	SPRINT® 32	25
MFD 32/01/132-01/065	10104605	4,5 · 13,2	SPRINT® 32	25
MFD 32/02/080	10102743	6 · 8	SPRINT® 32	25
MFD 32/02/085	10102493	6,5 · 8,5	SPRINT® 32	25
MFD 32/02/100	10104352	8 · 10	SPRINT® 32	25
MFD 32/03/080	10101018	6 · 8	SPRINT® 32	25
MFD 32/03/065	10102169	4,5 · 6,5	SPRINT® 32	25
MFD 32/03/090	10102170	7 · 9	SPRINT® 32	25
MFD 32/04/070	10064344	5 · 7	SPRINT® 32	25
MFD 32/04/080	10064950	6 · 8	SPRINT® 32	25
MFD 32/01/060-02/070-01/080	10110852	6 · 8	SPRINT® 32	25
MFD 32/05/070	10101140	5 · 7	SPRINT® 32	25
MFD 32/06/060	10064345	4 · 6	SPRINT® 32	25
MFD 32/06/040	10106278	2 · 4	SPRINT® 32	25
MFD 32/08/040	10103687	2 · 4	SPRINT® 32	25
MFD 32/03/060-01/080	10111057	4 · 8	SPRINT® 32	25
MFD 32/08/050	10110089	3 · 5	SPRINT® 32	25
MFD 40/01/060	10108661	4 · 6	SPRINT® 40	25
MFD 40/01/160-01/065	10104606	4,5 · 16	SPRINT® 40	25
MFD 40/01/150-02/085	10106440	7,5 · 15	SPRINT® 40	25
MFD 40/02/060-01/130	10105687	4 · 13	SPRINT® 40	25
MFD 40/02/070-01/100-02/115	10102765	5 · 11,5	SPRINT® 40	25
MFD 40/02/110-01/060	10105341	4 · 11	SPRINT® 40	25
MFD 40/02/120-01/070	10102488	5 · 12	SPRINT® 40	25
MFD 40/02/110	10105340	9 · 11	SPRINT® 40	25
MFD 40/03/125	10102054	10,5 · 12,5	SPRINT® 40	25
MFD 40/04/090-01/060	10105342	4 · 9	SPRINT® 40	25
MFD 40/04/100	10101017	8 · 10	SPRINT® 40	25
MFD 40/04/110	10104145	9 · 11	SPRINT® 40	25
MFD 40/05/090	10109605	7 · 9	SPRINT® 40	25
MFD 40/06/065	10102171	4,5 · 6,5	SPRINT® 40	25
MFD 40/06/070	10110088	5 · 7	SPRINT® 40	25
MFD 40/06/090	10102172	7 · 9	SPRINT® 40	25
MFD 40/07/070	10064348	5 · 7	SPRINT® 40	25
MFD 40/07/080	10064347	6 · 8	SPRINT® 40	25
MFD 40/08/060	10064346	4 · 6	SPRINT® 40	25
MFD 40/08/070	10102744	5 · 7	SPRINT® 40	25
MFD 40/09/069	10101427	5,5 · 6,9	SPRINT® 40	25
MFD 40/10/064	10108982	4,4 · 6,4	SPRINT® 40	25
MFD 40/16/035	10103686	2,5 · 3,5	SPRINT® 40	25
MFD 50/01/170	10105343	15 · 17	SPRINT® 50	25
MFD 50/03/135	10105557	11,5 · 13,5	SPRINT® 50	25
MFD 50/03/157	10109984	13,7 · 15,7	SPRINT® 50	25
MFD 50/04/110-01/060	10105344	4 · 11	SPRINT® 50	25
MFD 50/08/070	10109606	5 · 7	SPRINT® 50	25
MFD 50/09/080	10064394	6 · 8	SPRINT® 50	25
MFD 50/15/050	10102745	4 · 5	SPRINT® 50	25
MFD 50/15/065	10109823	5,5 · 6,5	SPRINT® 50	25
MFD 50/16/060	10102746	4 · 6	SPRINT® 50	25
MFD 50/25/050	10063102	4 · 5	SPRINT® 50	25
MFD 50/30/040	10104144	3 · 4	SPRINT® 50	25
MFD 63/02/168	10105293	15,8 · 16,8	SPRINT® 63	25
MFD 63/03/065	10101201	5 · 6,5	SPRINT® 63	25
MFD 63/03/145	10103689	12,5 · 14,5	SPRINT® 63	25
MFD 63/02/065-01/090	10101223	5 · 9	SPRINT® 63	25

Further sizes on www.wiska.com or on request

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

SPRINT® Special sealing inserts

RoHS

Protection class IP66
Temperature range -40 °C - 100 °C
Material Thermoplastic elastomer

FFD, for flat Cables



Type	RAL 9005	Ø Cable in mm	Suitable for Cable Gland	PU
FFD 20/01/510	10064322	4,6 - 5,6	SPRINT® 20	25
FFD 20/01/713	10101192	6 - 7	SPRINT® 20	25
FFD 25/01/816	10103326	16,7 - 7,7	SPRINT® 25	25

SFD, for ASi-Bus-Cables



SFD 20/01/ASi	10064329	-	SPRINT® 20	25

GFD, split, for assembled Cables

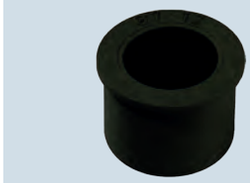


GFD 12/01/015	10102490	1 - 1,5	SPRINT® 12	25
GFD 16/01/050	10104447	3 - 5	SPRINT® 16	25
GFD 16/02/040	10103110	2 - 4	SPRINT® 16	25
GFD 20/01/015	10064328	1 - 1,5	SPRINT® 20	25
GFD 20/01/040	10111949	2 - 4	SPRINT® 20	25
GFD 20/01/060	10102297	4 - 6	SPRINT® 20	25
GFD 20/01/070	10110386	5 - 7	SPRINT® 20	25
GFD 20/01/090	10109006	7 - 9	SPRINT® 20	25
GFD 20/02/040	10109615	2 - 4	SPRINT® 20	25
GFD 20/02/065	10110393	5 - 6,5	SPRINT® 20	25
GFD 20/04/040	10109616	2 - 4	SPRINT® 20	25
GFD 25/01/050	10101019	3 - 5	SPRINT® 25	25
GFD 25/01/060	10066632	4 - 6	SPRINT® 25	25
GFD 25/01/065	10109309	4 - 6,5	SPRINT® 25	25
GFD 25/01/090	10103108	7 - 9	SPRINT® 25	25
GFD 25/01/094-01/063	10107155	4,3 - 9,4	SPRINT® 25	25
GFD 25/02/030	10102656	1 - 3	SPRINT® 25	25
GFD 25/02/060	10109788	4 - 6	SPRINT® 25	25
GFD 25/04/060	10104735	4 - 6	SPRINT® 25	25
GFD 32/01/050	10103158	3 - 5	SPRINT® 32	25
GFD 32/01/073	10102359	4 - 7,3	SPRINT® 32	25
GFD 32/01/090	10110363	7 - 9	SPRINT® 32	25
GFD 32/01/120	10110286	9 - 12	SPRINT® 32	25
GFD 32/01/045-01/085	10101145	4,5 - 8,5	SPRINT® 32	25
GFD 32/01/060-01/080	10105953	4,5 - 8	SPRINT® 32	25
GFD 32/02/080	10102747	6 - 8	SPRINT® 32	25
GFD 32/03/065	10109525	4,5 - 6,5	SPRINT® 32	25
GFD 32/06/060	10106336	4 - 6	SPRINT® 32	25
GFD 40/01/060	10108662	4 - 6	SPRINT® 40	25
GFD 50/01/080	10101020	6 - 8	SPRINT® 50	25
GFD 63/01/090	10101536	7 - 9	SPRINT® 63	25
GFD 63/01/280	10110848	26 - 28	SPRINT® 63	25
GFD 63/02/065-01/090	10101224	6,5 - 9	SPRINT® 63	25
GFD 63/03/065	10101200	5 - 6,5	SPRINT® 63	25

SPRINT® Reduction sealing insert, RDE

Protection class IP68
Temperature range -40 °C · 100 °C

Colour Black
Material EPDM



Type	RAL 9005	Ø Cable in mm	Suitable for Cable Gland	PU
RDE 12	10062183	1 · 3	SPRINT® 12	50
RDE 16	10062184	2 · 6	SPRINT® 16	50
RDE 20	10062185	4 · 8	SPRINT® 20	50
RDE 25	10060768	7 · 12	SPRINT® 25	25
RDE 32	10062186	9 · 14	SPRINT® 32	25
RDE 40	10062187	12 · 20	SPRINT® 40	10
RDE 50	10062188	16 · 25	SPRINT® 50	10
RDE 63	10062189	28 · 38	SPRINT® 63	10

SPRINT® Reduction sealing insert LowTemp, RDE LT

Protection class IP68
Temperature range -60 °C · 100 °C

Colour Red
Material Silicone



Type	RAL 3000	Ø Cable in mm	Suitable for Cable Gland	PU
RDE 12 LT	10063981	1 · 3	SPRINT® 12	50
RDE 16 LT	10063908	2 · 6	SPRINT® 16	50
RDE 20 LT	10063909	4 · 8	SPRINT® 20	50
RDE 25 LT	10063910	7 · 12	SPRINT® 25	25
RDE 32 LT	10063934	9 · 14	SPRINT® 32	25
RDE 40 LT	10063960	12 · 20	SPRINT® 40	10
RDE 50 LT	10063966	16 · 25	SPRINT® 50	10
RDE 63 LT	10063967	28 · 38	SPRINT® 63	10

SPRINT® Blind sealing insert, VFD

Protection class IP66
Temperature range -40 °C · 100 °C
Material Thermoplastic elastomer



Type	RAL 9005	Suitable for Cable Gland	PU
VFD 12	10064462	SPRINT® 12	25
VFD 16	10064463	SPRINT® 16	25
VFD 20	10064464	SPRINT® 20	25
VFD 25	10064465	SPRINT® 25	25
VFD 32	10064466	SPRINT® 32	25
VFD 40	10064467	SPRINT® 40	25
VFD 50	10064468	SPRINT® 50	25
VFD 63	10064469	SPRINT® 63	25

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

SPRINT® Connection thread gasket, EADR, metric

RoHS

Temperature range -40 °C - 140 °C
Material EPDM



Type	RAL 9005	Threat	PU
EADR 12	10062801	M 12x1,5	100
EADR 16	10062802	M 16x1,5	100
EADR 20	10062803	M 20x1,5	100
EADR 25	10062804	M 25x1,5	100
EADR 32	10062805	M 32x1,5	100
EADR 40	10062806	M 40x1,5	100
EADR 50	10062807	M 50x1,5	100
EADR 63	10062808	M 63x1,5	100

SPRINT® Connection thread gasket, EADR LT, LowTemp, metric

RoHS

Temperature range -60 °C - 140 °C
Material Silikon



Type	RAL 3000	Threat	PU
EADR 12/90 LT	10105704	M 12x1,5	100
EADR 16/90 LT	10105705	M 16x1,5	100
EADR 20/90 LT	10105706	M 20x1,5	100
EADR 25/90 LT	10105707	M 25x1,5	100
EADR 32/90 LT	10105708	M 32x1,5	100
EADR 40/90 LT	10105709	M 40x1,5	100
EADR 50/90 LT	10105710	M 50x1,5	100
EADR 63/90 LT	10105711	M 63x1,5	100

Connection thread gasket, PG

RoHS

Temperature range -40 °C - 140 °C
Material EPDM



Type	RAL 9005	Threat	PU
ADR 7	10061419	PG 7	100
ADR 9	10061420	PG 9	100
ADR 11	10061421	PG 11	100
ADR 13,5	10061422	PG 13,5	100
ADR 16	10061423	PG 16	100
ADR 21	10061424	PG 21	100
ADR 29	10061425	PG 29	100
ADR 36	10061426	PG 36	100
ADR 42	10061427	PG 42	100
ADR 48	10061428	PG 48	100

SPRINT® O-Rings, ORD

RoHS

ORD-E, EPDM, -40 °C · 120 °C, black



Type	RAL 9005	Suitable for Cable Gland	PU
ORD-E 12	10064697	SPRINT® 12	100
ORD-E 16	10064698	SPRINT® 16	100
ORD-E 20	10064699	SPRINT® 20	100
ORD-E 25	10064700	SPRINT® 25	100
ORD-E 32	10064701	SPRINT® 32	100
ORD-E 40	10064702	SPRINT® 40	100
ORD-E 50	10064703	SPRINT® 50	100
ORD-E 63	10064704	SPRINT® 63	100
ORD-E 75	10101765	SPRINT® 75	100

ORD-V, viton, -15 °C · 200 °C, black



ORD-V 12	10064705	SPRINT® 12	100
ORD-V 16	10064706	SPRINT® 16	100
ORD-V 20	10064707	SPRINT® 20	100
ORD-V 25	10064708	SPRINT® 25	100
ORD-V 32	10064709	SPRINT® 32	100
ORD-V 40	10064710	SPRINT® 40	100
ORD-V 50	10064711	SPRINT® 50	100
ORD-V 63	10064712	SPRINT® 63	100

ORD-S, silicone, -60 °C · 180 °C, blue



ORD-S 12	10101757	SPRINT® 12	100
ORD-S 16	10101758	SPRINT® 16	100
ORD-S 20	10101759	SPRINT® 20	100
ORD-S 25	10101760	SPRINT® 25	100
ORD-S 32	10101761	SPRINT® 32	100
ORD-S 40	10101762	SPRINT® 40	100
ORD-S 50	10101763	SPRINT® 50	100
ORD-S 63	10101764	SPRINT® 63	100

SPRINT® Blind plug, BS

RoHS HL3 EN 45545

Temperature range -60 °C · 100 °C
Colour Red

Material Polyamide



Type	RAL 3000	Ø Cable in mm	PU
BS 2	10064000	2	50
BS 3	10064001	3	50
BS 4	10064002	4	50
BS 5	10064003	5	50
BS 6	10064004	6	50
BS 7	10064005	7	50
BS 8	10064006	8	50
BS 9	10064007	9	50
BS 10	10064008	10	50
BS 12	10064009	12	50
BS 13	10064010	13	50
BS 14	10064011	14	50
BS 17	10064012	17	50
BS 20	10064013	20	25
BS 21	10064014	21	25
BS 25	10064015	25	25
BS 28	10064016	28	25
BS 35	10064017	35	10
BS 38	10064018	38	10
BS 48	10064019	48	10
BS 63	10064020	63	5

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

Our railway cable glands

Our railway series is an industry specific extension of the proven SPRINT® cable gland system, which meets the specific demands of the rail industry in all respects.

Cable Glands RW

Meet the relevant safety standards. PG, metric and NPT threads of different lengths. M**aterial:** Nickel-plated brass, polyamide or stainless steel. Meets fire protection standard EN 45545 and all requirements of Hazard Level 3 with fire resistance E30.



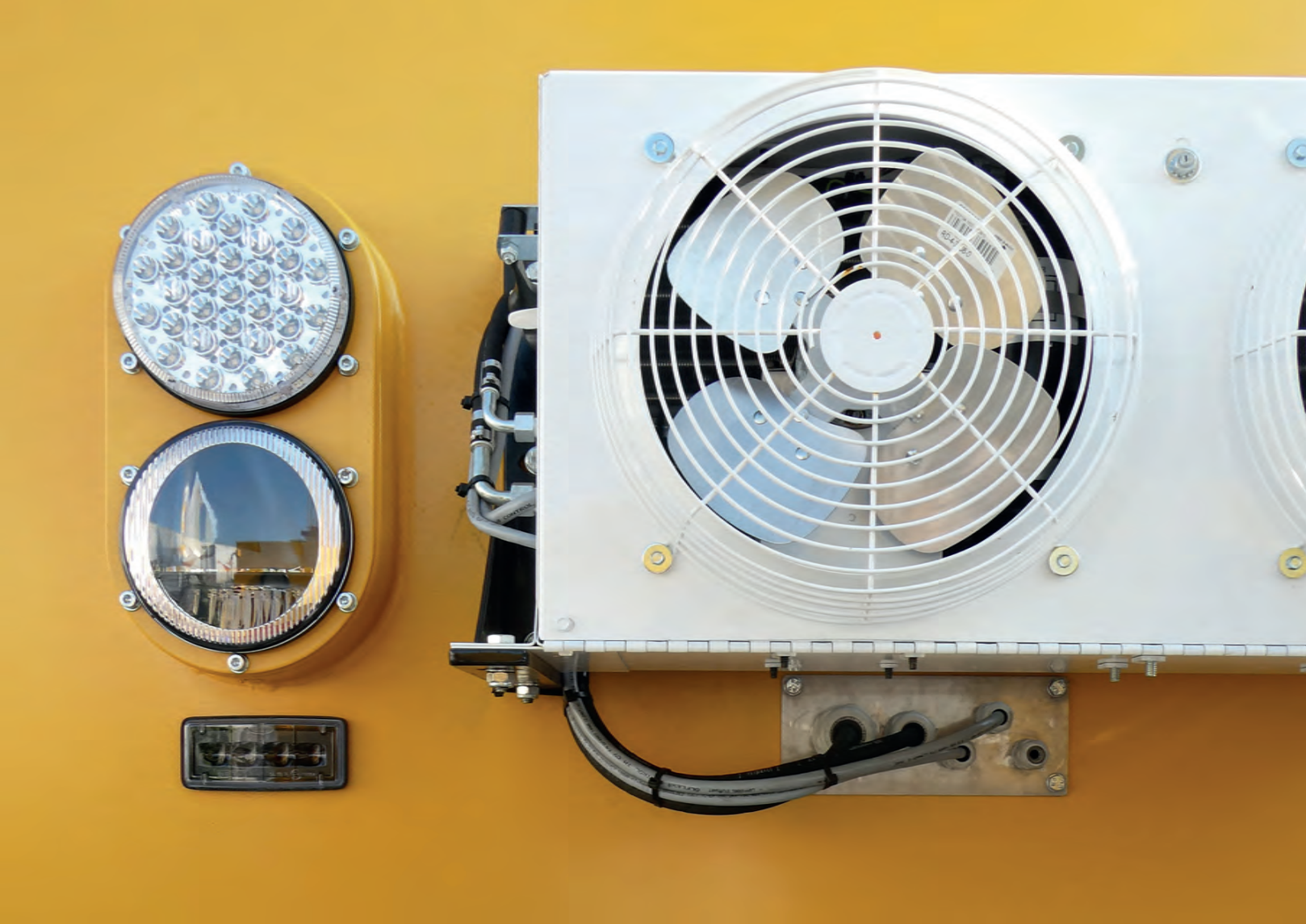
Sealings RW

Comprehensive range of multiple and special sealing inserts.
Material**:** EPDM, silicone or TPE

Made for rails

Our EN 45545 cable glands ideally combine top product quality and versatile modularity while complying with safety standards. As a part of a comprehensive testing procedure, we tested the fire behaviour of processed and raw materials according to EN 45545-2. The result: the complete railway series fulfils the highest DIN EN 45545-2 hazard level 3 requirements that can be applied to materials used in railway systems.

HL3
EN 45545



Our products at a glance

Polyamide cable glands RW (Page 76)



Sealings (Page 80 · 81)



Brass cable glands and accessories (Page 76 · 78)



Further matching accessories can be found in the section on cable glands – see page 7.

Cable protection for use in the railway industry see page 92.

Stainless steel cable glands and accessories (Page 78 · 79)



Explore more...

WISKA make power smile

SPRINT® Railway cable gland, ESKV RW, polyamide, metric, EN 45545

Protection class	IP68 (5 bar 30 min) / IP69
Temperature range	-40 °C - 100 °C
Hazard level EN acc. 45545	R22=HL3 / R23=HL3 / R24=HL3
Material	Gland polyamide UL94-V0, Gasket EPDM



Type	RAL 7035	RAL 9005	Thread	Ø Cable in mm	PU
ESKV 12 RW	10105492	10105810	M 12x1,5	3 - 7	50
ESKV 16 RW	10105493	10105811	M 16x1,5	4,5 - 10	50
ESKV 20 RW	10105494	10105812	M 20x1,5	6 - 13	50
ESKV 25 RW	10105495	10105813	M 25x1,5	9 - 17	50
ESKV 32 RW	10105496	10105814	M 32x1,5	13 - 21	25
ESKV 40 RW	10105497	10105815	M 40x1,5	16 - 28	10
ESKV 50 RW	10105498	10105816	M 50x1,5	21 - 35	4
ESKV 63 RW	10105499	10105817	M 63x1,5	34 - 48	3

SPRINT® Railway cable glands, EMSKV RW, brass nickel-plated, metric, EN 45545

Protection class	IP68 (5 bar 30 min) / IP69
Temperature range	-40 °C - 100 °C
Hazard level EN acc. 45545	R22=HL3 / R23=HL3 / R24=HL3
Material	Gland Brass nickel-plated, Clamping cage Polyamide UL94-V0, Gasket EPDM

EMSKV RW



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKV 12 RW	10104293	M 12x1,5	3 - 7	50
EMSKV 16 RW	10104294	M 16x1,5	4,5 - 10	50
EMSKV 20 RW	10104296	M 20x1,5	6 - 13	50
EMSKV 25 RW	10104297	M 25x1,5	9 - 17	50
EMSKV 32 RW	10104298	M 32x1,5	13 - 21	25
EMSKV 40 RW	10104299	M 40x1,5	16 - 28	10
EMSKV 50 RW	10104300	M 50x1,5	21 - 35	10
EMSKV 63 RW	10104301	M 63x1,5	34 - 48	10
EMSKV 75 RW	10104302	M 75x1,5	48 - 62	1

EMSKV-L RW, long



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKV-L 12 RW	10106174	M 12x1,5	3 - 7	50
EMSKV-L 16 RW	10106175	M 16x1,5	4,5 - 10	50
EMSKV-L 20 RW	10106176	M 20x1,5	6 - 13	50
EMSKV-L 25 RW	10106177	M 25x1,5	9 - 17	50
EMSKV-L 32 RW	10106178	M 32x1,5	13 - 21	25
EMSKV-L 40 RW	10106179	M 40x1,5	16 - 28	10
EMSKV-L 50 RW	10106180	M 50x1,5	21 - 35	10
EMSKV-L 63 RW	10106181	M 63x1,5	34 - 48	10

SPRINT® Railway cable gland LowTemp, EMSKV LT RW, brass nickel-plated, metric, EN 45545

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -60 °C - 100 °C
Hazard level EN acc. 45545 R22=HL3 / R23=HL3 / R24=HL3
Material Gland Brass nickel-plated, Clamping cage Polyamide UL94-V0, Gasket Silicone



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKV 12 LT RW	10105823	M 12x1,5	3 - 7	50
EMSKV 16 LT RW	10105824	M 16x1,5	4,5 - 10	50
EMSKV 20 LT RW	10105825	M 20x1,5	6 - 13	50
EMSKV 25 LT RW	10105826	M 25x1,5	9 - 17	50
EMSKV 32 LT RW	10105827	M 32x1,5	13 - 21	25
EMSKV 40 LT RW	10105828	M 40x1,5	16 - 28	10
EMSKV 50 LT RW	10105829	M 50x1,5	21 - 35	10
EMSKV 63 LT RW	10105830	M 63x1,5	34 - 48	10

SPRINT® EMC Railway cable gland with earthing cones DIN 89345, EMSKV EMV-Z RW, metric, EN 45545

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C - 100 °C
Hazard level EN acc. 45545 R22=HL3 / R23=HL3 / R24=HL3
Material Gland Brass nickel-plated, Clamping cage Polyamide UL94-V0, Earthing cones Brass chromium-plated, Gasket EPDM



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKV 12 EMV-Z RW	10104303	M 12x1,5	3 - 7	50
EMSKV 16 EMV-Z RW	10104304	M 16x1,5	4,5 - 10	50
EMSKV 20 EMV-Z RW	10104305	M 20x1,5	6 - 13	50
EMSKV 25 EMV-Z RW	10104306	M 25x1,5	9 - 17	50
EMSKV 32 EMV-Z RW	10104307	M 32x1,5	13 - 21	25
EMSKV 50 EMV-Z RW	10104308	M 50x1,5	21 - 35	10
EMSKV 40 EMV-Z RW	10104309	M 40x1,5	16 - 28	10
EMSKV 63 EMV-Z RW	10104310	M 63x1,5	34 - 48	10
EMSKV 75 EMV-Z RW	10104311	M 75x1,5	48 - 63	1

SPRINT® EMC Railway cable gland LowTemp with earthing cones DIN 89345, EMSKV LT EMV-Z RW, metric, EN 45545

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -60 °C - 100 °C
Hazard level EN acc. 45545 R22=HL3 / R23=HL3 / R24=HL3
Material Gland Brass nickel-plated, Clamping cage Polyamide UL94-V0, Earthing cones Brass chromium-plated, Gasket Silicone



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKV 12 LT EMV-Z RW	10105848	M 12x1,5	3 - 7	50
EMSKV 16 LT EMV-Z RW	10105849	M 16x1,5	4,5 - 10	50
EMSKV 20 LT EMV-Z RW	10105850	M 20x1,5	6 - 13	50
EMSKV 25 LT EMV-Z RW	10105851	M 25x1,5	9 - 17	50
EMSKV 32 LT EMV-Z RW	10105852	M 32x1,5	13 - 21	25
EMSKV 40 LT EMV-Z RW	10105853	M 40x1,5	16 - 28	10

SPRINT® Railway cable gland,
EMSKVZ RW, brass nickel-plated, metric, EN 45545

RoHS HL3 EN 45545 DNV

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C - 100 °C
Hazard level EN acc. 45545 R22=HL3 / R23=HL3
Material Gland Brass nickel-plated, Clamping cage Polyamide UL94-V0, Gasket EPDM



Type	Order No.	Thread	Ø Cable in mm	PU
EMSKVZ 16 RW	10109128	M 16x1,5	4,5 - 10	25
EMSKVZ 20 RW	10109129	M 20x1,5	6 - 13	25
EMSKVZ 25 RW	10109130	M 25x1,5	9 - 17	25
EMSKVZ 32 RW	10109131	M 32x1,5	13 - 21	10
EMSKVZ 40 RW	10109132	M 40x1,5	16 - 28	5
EMSKVZ 50 RW	10109133	M 50x1,5	21 - 35	5
EMSKVZ 63 RW	10109134	M 63x1,5	34 - 48	5

SPRINT® Railway cable gland,
ESSKV RW, stainless steel, metric, EN 45545

RoHS HL3 EN 45545 DNV

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C - 100 °C
Hazard level EN acc. 45545 R22=HL3 / R23=HL3
Material Gland Stainless steel A2 (1.4305), Clamping cage Polyamide UL94-V0, Gasket EPDM



Type	Order No.	Thread	Ø Cable in mm	PU
ESSKV 12 RW	10105832	M 12x1,5	3 - 7	10
ESSKV 16 RW	10105833	M 16x1,5	4,5 - 10	10
ESSKV 20 RW	10105834	M 20x1,5	6 - 13	10
ESSKV 25 RW	10105835	M 25x1,5	9 - 17	10
ESSKV 32 RW	10105836	M 32x1,5	13 - 21	5
ESSKV 40 RW	10105837	M 40x1,5	16 - 28	5
ESSKV 50 RW	10105838	M 50x1,5	21 - 35	2
ESSKV 63 RW	10105839	M 63x1,5	34 - 48	1

SPRINT® Railway cable gland LowTemp,
ESSKV LT RW, stainless steel, metric, EN 45545

RoHS HL3 EN 45545 DNV

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -60 °C - 100 °C
Hazard level EN acc. 45545 R22=HL1 / R23=HL2
Material Gland Stainless steel A2 (1.4305), Clamping cage Polyamide UL94-V0, Gasket Silicone



Type	Order No.	Thread	Ø Cable in mm	PU
ESSKV 12 LT RW	10105840	M 12x1,5	3 - 7	10
ESSKV 16 LT RW	10105841	M 16x1,5	4,5 - 10	10
ESSKV 20 LT RW	10105842	M 20x1,5	6 - 13	10
ESSKV 25 LT RW	10105843	M 25x1,5	9 - 17	10
ESSKV 32 LT RW	10105844	M 32x1,5	13 - 21	5
ESSKV 40 LT RW	10105845	M 40x1,5	16 - 28	5

SPRINT® EMC Railway cable gland with contact spring insert, ESSKV EMV-S RW, stainless steel, metric, EN 45545

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C - 100 °C
Hazard level EN acc. 45545 R22=HL3 / R23=HL3 / R24=HL3
Material Gland Stainless steel A2 (1.4305), Clamping cage Polyamide UL94-V0, Gasket EPDM, Earthing cones Stainless steel 1.4310



Type	Order No.	Thread	Ø Cable in mm	PU
ESSKV 12 EMV-S RW	10106137	M 12x1,5	3 - 7	10
ESSKV 16 EMV-S RW	10106138	M 16x1,5	4,5 - 10	10
ESSKV 20 EMV-S RW	10106139	M 20x1,5	6 - 13	10
ESSKV 25 EMV-S RW	10106140	M 25x1,5	9 - 17	10
ESSKV 32 EMV-S RW	10106141	M 32x1,5	13 - 21	5
ESSKV 40 EMV-S RW	10106142	M 40x1,5	16 - 28	5
ESSKV 50 EMV-S RW	10106143	M 50x1,5	21 - 35	2
ESSKV 63 EMV-S RW	10106144	M 63x1,5	34 - 48	1

SPRINT® EMC Railway cable gland with earthing cones DIN 89345, ESSKV EMV-Z RW, stainless steel, metric, EN 45545

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -40 °C - 100 °C
Hazard level EN acc. 45545 R22=HL1 / R23=HL2
Material Gland Stainless steel A2 (1.4305), Clamping cage Polyamide UL94-V0, Earthing cones Brass chromium-plated, Gasket EPDM



Type	Order No.	Thread	Ø Cable in mm	PU
ESSKV 12 EMV-Z RW	10105857	M 12x1,5	3 - 7	10
ESSKV 16 EMV-Z RW	10105858	M 16x1,5	4,5 - 10	10
ESSKV 20 EMV-Z RW	10105859	M 20x1,5	6 - 13	10
ESSKV 25 EMV-Z RW	10105860	M 25x1,5	9 - 17	10
ESSKV 32 EMV-Z RW	10105861	M 32x1,5	13 - 21	5
ESSKV 40 EMV-Z RW	10105862	M 40x1,5	16 - 28	5
ESSKV 50 EMV-Z RW	10105863	M 50x1,5	21 - 35	2
ESSKV 63 EMV-Z RW	10105864	M 63x1,5	34 - 48	1

SPRINT® EMC Railway cable gland LowTemp with earthing cones DIN 89345, ESSKV LT EMV-Z RW, stainless steel, metric, EN 45545

Protection class IP68 (5 bar 30 min) / IP69
Temperature range -60 °C - 100 °C
Hazard level EN acc. 45545 R22=HL1 / R23=HL2
Material Gland Stainless steel A2 (1.4305), Clamping cage Polyamide UL94-V0, Earthing cones Brass chromium-plated, Gasket Silicone



Type	Order No.	Thread	Ø Cable in mm	PU
ESSKV 12 LT EMV-Z RW	10105865	M 12x1,5	3 - 7	10
ESSKV 16 LT EMV-Z RW	10105866	M 16x1,5	4,5 - 10	10
ESSKV 20 LT EMV-Z RW	10105867	M 20x1,5	6 - 13	10
ESSKV 25 LT EMV-Z RW	10105868	M 25x1,5	9 - 17	10
ESSKV 32 LT EMV-Z RW	10105869	M 32x1,5	13 - 21	5
ESSKV 40 LT EMV-Z RW	10105870	M 40x1,5	16 - 28	5
ESSKV 50 LT EMV-Z RW	10105871	M 50x1,5	21 - 35	2
ESSKV 63 LT EMV-Z RW	10105872	M 63x1,5	34 - 48	1

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

SPRINT® Sealing, MFD RW

RoHS HL3 EN 45545

Protection class IP66 / IP68
Temperature range -40 °C - 100 °C
Material Thermoplastic elastomer
Advice Other sizes on request



Type	RAL 9010	Ø Cable in mm	Suitable for Cable Gland	PU
MFD 12/02/020 RW	10105927	1 - 2	SPRINT 12	25
MFD 12/04/020 RW	10105928	1,5 - 2	SPRINT 12	25
MFD 16/02/040 RW	10105929	2 - 4	SPRINT 16	25
MFD 16/03/021 RW	10105930	1 - 2,1	SPRINT 16	25
MFD 20/02/040 RW	10110974	2 - 4	SPRINT 20	25
MFD 20/02/050 RW	10105931	3 - 5	SPRINT 20	25
MFD 20/02/055 RW	10110790	3,5 - 5,5	SPRINT 20	25
MFD 20/02/060 RW	10110039	4 - 6	SPRINT 20	25
MFD 20/02/065 RW	10109912	4,5 - 6,5	SPRINT 20	25
MFD 20/03/040 RW	10105932	2 - 4	SPRINT 20	25
MFD 20/04/047 RW	10110482	2,7 - 4,7	SPRINT 20	25
MFD 25/02/060 RW	10110015	4 - 6	SPRINT 25	25
MFD 25/02/070 RW	10105549	5 - 7	SPRINT 25	25
MFD 25/02/080 RW	10105548	6 - 8	SPRINT 25	25
MFD 25/01/094-01/058 RW	10110521	3,8 - 9,4	SPRINT 25	25
MFD 25/03/060 RW	10106734	4 - 6	SPRINT 25	25
MFD 25/03/070 RW	10106735	5 - 7	SPRINT 25	25
MFD 25/02/070-01/040 RW	10105550	3 - 7	SPRINT 25	25
MFD 25/04/040 RW	10109456	2 - 4	SPRINT 25	25
MFD 25/04/060 RW	10108069	4 - 6	SPRINT 25	25
MFD 25/06/047 RW	10110483	2,7 - 4,7	SPRINT 25	25
MFD 32/02/085 RW	10111316	6,5 - 8,5	SPRINT 32	25
MFD 32/02/100 RW	10109542	8 - 10	SPRINT 32	25
MFD 32/01/115-01/050 RW	10105553	4 - 11,5	SPRINT 32	25
MFD 32/03/065 RW	10110522	4,5 - 6,5	SPRINT 32	25
MFD 32/03/080 RW	10105552	6 - 8	SPRINT 32	25
MFD 32/03/090 RW	10109524	7 - 9	SPRINT 32	25
MFD 32/04/070 RW	10109539	5 - 7	SPRINT 32	25
MFD 32/04/080 RW	10105547	6 - 8	SPRINT 32	25
MFD 32/01/103-01/075-02/047 RW	10110484	2,7 - 10,3	SPRINT 32	25
MFD 32/06/060 RW	10110507	4 - 6	SPRINT 32	25
MFD 40/02/110 RW	10111317	9 - 11	SPRINT 40	25
MFD 40/01/095-01/145 RW	10110533	7,5 - 14,5	SPRINT 40	25
MFD 40/03/125 RW	10110538	10,5 - 12,5	SPRINT 40	25
MFD 40/02/120-01/070 RW	10105546	7 - 12	SPRINT 40	25
MFD 40/02/100-01/115 RW	10109543	8 - 11,5	SPRINT 40	25
MFD 40/02/105-01/125 RW	10110535	8,5 - 12,5	SPRINT 40	25
MFD 40/04/100 RW	10105933	8 - 10	SPRINT 40	25
MFD 40/04/110 RW	10110537	9 - 11	SPRINT 40	25
MFD 40/03/100-01/080 RW	10109486	8 - 10	SPRINT 40	25
MFD 40/02/065-02/070 RW	10110529	4,5 - 7	SPRINT 40	25
MFD 40/05/090 RW	10110527	7 - 9	SPRINT 40	25
MFD 40/05/095 RW	10110534	7,5 - 9,5	SPRINT 40	25
MFD 40/03/086-02/100 RW	10110532	6,6 - 10	SPRINT 40	25
MFD 40/04/090-01/115 RW	10110536	7 - 11,5	SPRINT 40	25
MFD 40/06/090 RW	10110477	7 - 9	SPRINT 40	25
MFD 40/07/070 RW	10105934	5 - 7	SPRINT 40	25
MFD 40/07/080 RW	10110530	6 - 8	SPRINT 40	25
MFD 40/04/055-03/095 RW	10110526	3,5 - 9,5	SPRINT 40	25
MFD 40/02/086-05/070 RW	10110531	5 - 8,6	SPRINT 40	25
MFD 40/09/069 RW	10110523	4,9 - 6,9	SPRINT 40	25
MFD 40/10/064 RW	10110528	4,4 - 6,4	SPRINT 40	25
MFD 40/16/035 RW	10110478	2,5 - 3,5	SPRINT 40	25
MFD 40/26/035 RW	10110485	2,5 - 3,5	SPRINT 40	25



Type	RAL 9010	Ø Cable in mm	Suitable for Cable Gland	PU
MFD 50/03/157 RW	10110479	13,7 - 15,7	SPRINT 50	25
MFD 50/04/120 RW	10106726	10 - 12	SPRINT 50	25
MFD 50/03/116-02/122 RW	10110543	9,6 - 12,2	SPRINT 50	25
MFD 50/05/112-01/104 RW	10110542	8,4 - 11,2	SPRINT 50	25
MFD 50/07/101 RW	10110541	8,1 - 10,1	SPRINT 50	25
MFD 50/04/081-03/091 RW	10110540	6,1 - 9,1	SPRINT 50	25
MFD 50/08/090 RW	10110497	7 - 9	SPRINT 50	25
MFD 50/09/080 RW	10105935	6 - 8	SPRINT 50	25
MFD 50/10/070 RW	10110539	5 - 7	SPRINT 50	25
MFD 50/16/060 RW	10110481	4 - 6	SPRINT 50	25
MFD 50/25/050 RW	10105936	4 - 5	SPRINT 50	25
MFD 50/37/035 RW	10110498	2,5 - 3,5	SPRINT 50	25
MFD 63/03/065 RW	10105937	4,5 - 6,5	SPRINT 63	25
MFD 75/03/220 RW	10105588	20 - 22	SPRINT 75	25

SPRINT® Sealing, RDE RW

RoHS HL3 EN 45545

Protection class IP68
Temperature range -40 °C - 100 °C
Material EPDM 60° shore
Advice Other sizes on request

RDE RW



Type	RAL 9005	Ø Cable in mm	Suitable for Cable Gland	PU
RDE 12 RW	10105370	1 - 3	SPRINT® 12	50
RDE 16 RW	10105371	2 - 6	SPRINT® 16	50
RDE 20 RW	10105372	4 - 8	SPRINT® 20	50
RDE 25 RW	10105373	7 - 12	SPRINT® 25	25
RDE 32 RW	10105374	9 - 14	SPRINT® 32	25
RDE 40 RW	10105375	12 - 20	SPRINT® 40	10
RDE 50 RW	10105376	16 - 25	SPRINT® 50	10
RDE 63 RW	10105377	28 - 38	SPRINT® 63	10

SPRINT® Sealing, VFD RW

RoHS HL3 EN 45545

Protection class IP66
Temperature range -40 °C - 100 °C
Material Thermoplastic elastomer



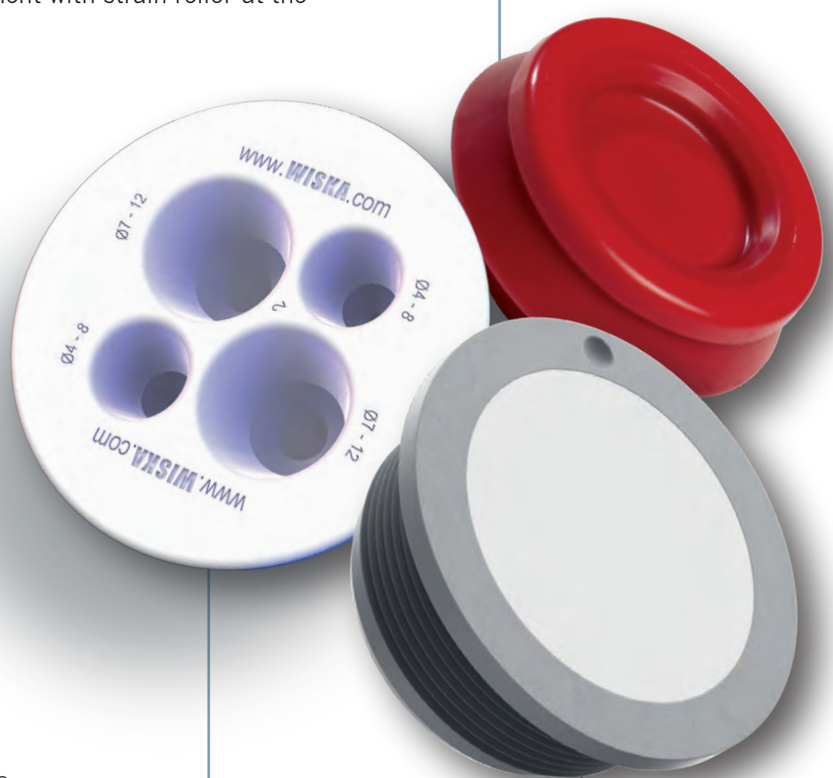
Type	RAL 9010	Suitable for Cable Gland	PU
VFD 12 RW	10105538	SPRINT® 12	25
VFD 16 RW	10105539	SPRINT® 16	25
VFD 20 RW	10105540	SPRINT® 20	25
VFD 25 RW	10105541	SPRINT® 25	25
VFD 32 RW	10105542	SPRINT® 32	25
VFD 40 RW	10105543	SPRINT® 40	25
VFD 50 RW	10105544	SPRINT® 50	25
VFD 63 RW	10105545	SPRINT® 63	25

Grommets

When cables have to be inserted as simply and quickly as possible, grommets come into play. They have a space-saving shape and are available in many different versions for various cable types.

CLIXX®

Enables the simplest cable entry through a soft component with strain relief at the same time.



MultiCLIXX®

Combines all the benefits of our QUIXX® and CLIXX® membrane entries: Simply click into the housing and push the cable through. Without tools and locknuts, and for several cables at the same time.

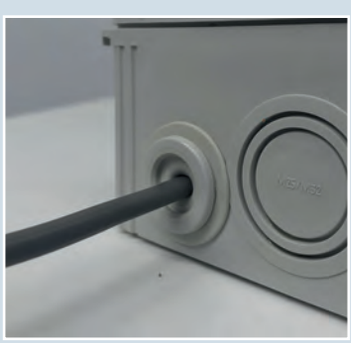
QUIXX®

Has a hard and resistant body on the outside and a soft component on the inside, consisting of thermoplastic elastomer, for comfortable and quick insertion of the cable.

QUIXX® EMS

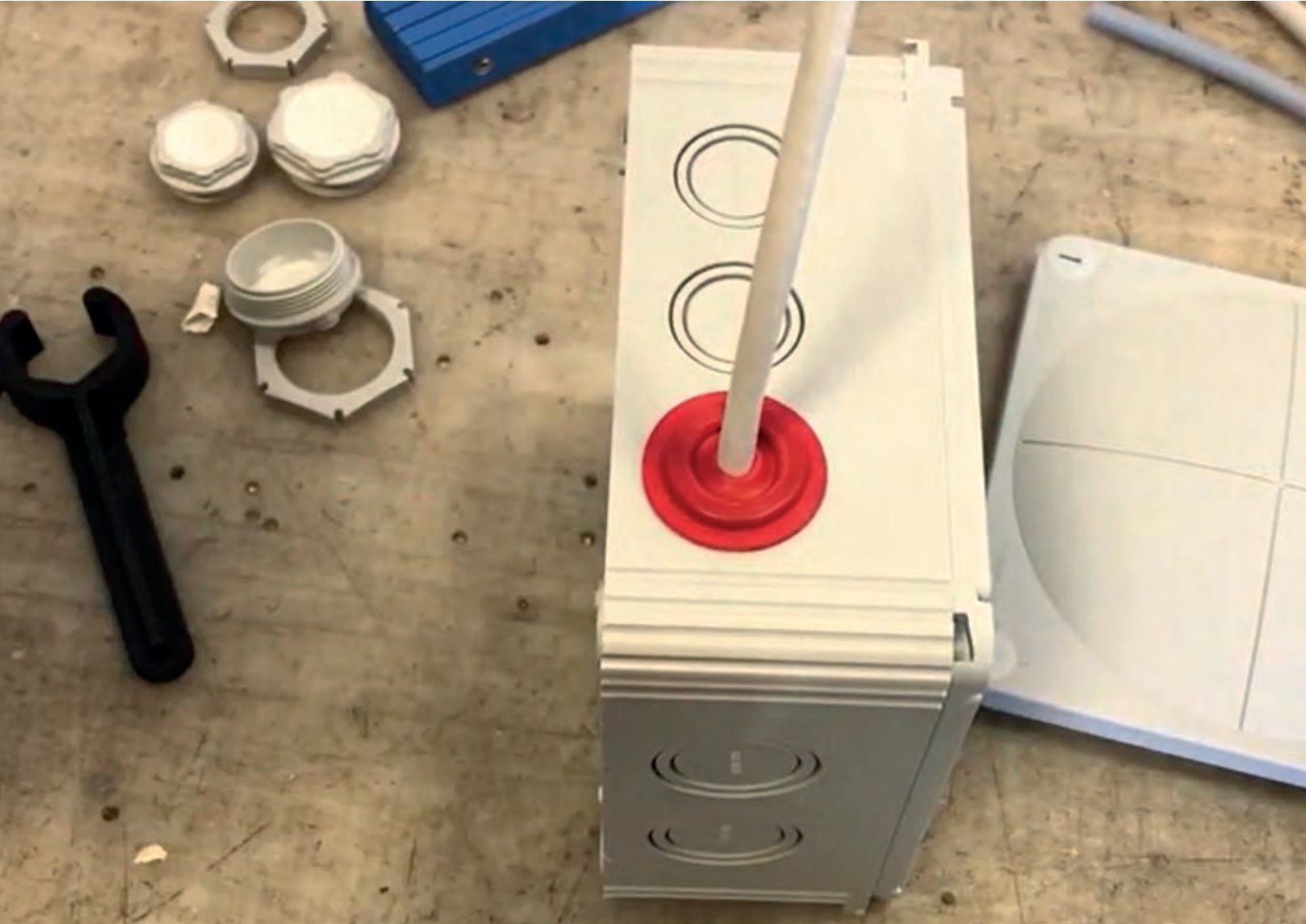


CLIXX®



MultiCLIXX®





Our products at a glance

CLIXX® - Membrane cable entries with strain relief (Page 84)



MultiCLIXX® - Multiple membrane entry with strain relief (Page 84)



QUIXX® - Membrane spout (Page 85)



Explore more...

WISKA make power smile

CLIXX® Membrane cable entrie with strain relief

Protection class IP66 / IP67
Temperature range -40 °C · 65 °C
Material Polypropylene, Membrane TPE



Type	RAL 7035	RAL 9005	RAL 3000	RAL 9001	Thread	Ø Cable in mm	PU
CLIXX 16	10101861	10101930	10101931	10101932	16	4,5 · 10	50
CLIXX 20	10101359	10101933	10101934	10101935	20	6 · 13	50
CLIXX 25	10101862	10101936	10101937	10101938	25	9 · 17	50

MultiCLIXX® Multiple membrane entry with strain relief, EMTZ

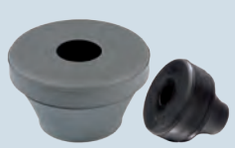
Protection class IP66
Glow wire test 960 °C
Temperature range -30 °C · 80 °C
Material Polypropylene, Membrane TPE



Type	Order No.	Thread	Ø Cable in mm	PU
EMTZ 32/02/120-02/080 V0	10108616	32	4 · 12	50

FLIP Cable grommet, FD

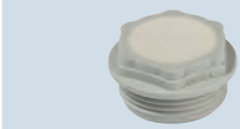
Protection class IP66 / IP67
Temperature range -40 °C · 110 °C
Material EPDM



Type	RAL 9005	RAL 7001	Thread	Ø Cable in mm	PU
FD 12	50062891	50062770	M 12	4 · 7	50
FD 16	50062892	50062771	M 16	5 · 9	50
FD 20	50062893	50062772	M 20	8 · 13	50
FD 25	50062894	50062773	M 25	11 · 17	50
FD 32	50062895	50062774	M 32	15 · 20	25
FD 40	50062896	50062775	M 40	19 · 28	25
FD 50	50062897	50062776	M 50	27 · 35	10

QUIXX® Membrane cable entry, EMS, metric

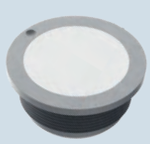
Protection class IP66
Temperature range -30 °C · 80 °C
Material Polypropylene, Membrane TPE



Type	RAL 7035	Thread	Ø Cable in mm	PU
EMS 16	10062567	M 16x1,5	1 · 9	100
EMS 20	10062568	M 20x1,5	1 · 13	100
EMS 25	10062569	M 25x1,5	1 · 18	100
EMS 32	10062570	M 32x1,5	1 · 25	100
EMS 40	10113527	M 40x1,5	1 · 28	100

QUIXX® Membrane cable entry, EMT

Protection class IP66
Temperature range -40 °C · 80 °C
Material Thermoplastic elastomer



Type	RAL 7035	Thread	Ø Cable in mm	PU
EMT 16	10062559	16	1 · 9	100
EMT 20	10062560	20	1 · 15	100
EMT 25	10062561	25	1 · 20	100
EMT 32	10062562	32	1 · 25	100

QUIXX® Membrane cable entry flame-retardant, EMT-F

Protection class IP66
Glow wire test 960 °C
Temperature range -40 °C · 80 °C
Material TPE, flame-retardant



Type	RAL 9001	Thread	Ø Cable in mm	PU
EMT-F 16	10063008	16	1 · 9	100
EMT-F 20	10063009	20	1 · 13	100
EMT-F 25	10063010	25	1 · 18	100
EMT-F 32	10063011	32	1 · 25	100

CONMAXX® - Cable entry systems

With CONMAXX® we have developed a cable entry system especially designed for switchboard installations. The innovative 3-component modular system offers you a whole new dimension of flexibility.

CONMAXX® Seals

No matter if you have a big or small cable diameter – CONMAXX® offers the fitting sealing element for your needs.



CONMAXX® Grids

Different grid inserts can be pushed into the frame individually and thereby offer highest flexibility in cable entry.

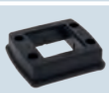
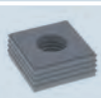
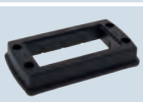
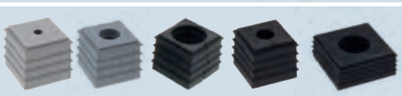
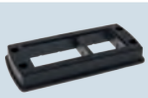
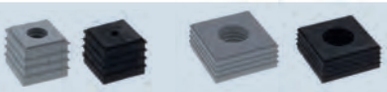
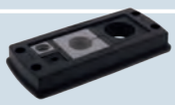
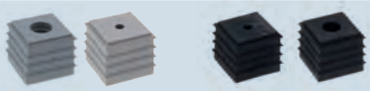
CONMAXX® Frames

The CONMAXX® Frame is stable in shape and fits standardised industrial connector cutouts. Due to its closed construction there is no need for unscrewing to insert or change cables.

CONMAXX by WISKA

One system – endless possibilities

The three components of the CONMAXX® system can be compiled individually according to requirement and application. Even subsequent, individual changes to the wiring are no problem and can be made at any time with our system.

Frame	Grid	Seals	Combination
			
			
			
			
			



Our products at a glance

CONMAXX® Frames (Page 89)



CONMAXX® Grids (Page 89)



CONMAXX® Seals (Page 90 - 91)



CONMAXX Gland (Page 88)



Explore more...

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CONMAXX® Gland, divided retrofit cable gland with locknut, CKM, plastic, metric

Protection class IP66
Temperature range -40 °C - 100 °C
Material Gland: PA6 UL94-V0, Gasket TPE UL94-V0



Type	RAL 7035	Thread	PU
CKM 20 V0 LG	10108663	M 20x1,5	1
CKM 25 V0 LG	10108664	M 25x1,5	1
CKM 32 V0 LG	10108665	M 32x1,5	1
CKM 40 V0 LG	10108666	M 40x1,5	1
CKM 50 V0 LG	10108667	M 50x1,5	1
CKM 63 V0 LG	10108668	M 63x1,5	1

CONMAXX® Locknut, divided locknut, CMM, plastic, metric

Temperature range -40 °C - 100 °C
Material PA6 UL94-V0



Type	RAL 7035	Thread	PU
CMM 20 V0 LG	10108675	M 20x1,5	5
CMM 25 V0 LG	10108676	M 25x1,5	5
CMM 32 V0 LG	10108677	M 32x1,5	5
CMM 40 V0 LG	10108678	M 40x1,5	1
CMM 50 V0 LG	10108679	M 50x1,5	1
CMM 63 V0 LG	10108680	M 63x1,5	1

CONMAXX® Frames, plastic

Protection class IP66
Temperature range -40 °C · 120 °C
Material Polyamide UL94-V0

CF, frames, black



Type	RAL 9005	Size	PU
CF 4-B1 V0 BK	10108180	70x81mm	1
CF 6-10 V0 BK	10108181	70x106mm	1
CF 8-16 V0 BK	10108182	70x126mm	1
CF 10-24 V0 BK	10108183	70x153mm	1

CV, locking frames, black



CV 4 V0 BK	10108184	69x80mm	1
CV 6 V0 BK	10108185	69x105mm	1
CV 8 V0 BK	10108186	69x125mm	1
CV 10 V0 BK	10108187	69x152mm	1

CONMAXX® Grids, plastic

Protection class IP66
Temperature range -40 °C · 120 °C
Material Polyamide UL94-V0

CGV



Type	RAL 9005	Grid type	PU
CGV V0 BK	10108188	single	1

CGT



CGT V0 BK	10108189	T	1

CGX



CGX V0 BK	10108190	cross	1

CGH



CGH V0 BK	10108191	double cross	1

Other technical data on request / Subject to modifications and amendments

CONMAXX® Seals

RoHS

Protection class IP66
Temperature range -40 · 120 °C
Material Thermoplastic elastomer
Advice CDK = Small seals, CDG = Big seals



Type	RAL 9005	No. of inserts	Ø Cable in mm	PU
CDK 0 HB	10108192	0	-	10
CDKG 2 HB	10108193	1	1,5 - 2	10
CDKG 3 HB	10108194	1	2 - 3	10
CDKG 4 HB	10108195	1	3 - 4	10
CDKG 5 HB	10108196	1	4 - 5	10
CDKG 6 HB	10108197	1	5 - 6	10
CDKG 7 HB	10108198	1	6 - 7	10
CDKG 8 HB	10108199	1	7 - 8	10
CDKG 9 HB	10108200	1	8 - 9	10
CDKG 10 HB	10108201	1	9 - 10	10
CDKG 11 HB	10108202	1	10 - 11	10
CDKG 12 HB	10108203	1	11 - 12	10
CDKG 13 HB	10108204	1	12 - 13	10
CDKG 14 HB	10108205	1	13 - 14	10
CDG 0 HB	10108206	0	-	10
CDGG 15 HB	10108207	1	14 - 15	10
CDGG 16 HB	10108208	1	15 - 16	10
CDGG 17 HB	10108209	1	16 - 17	10
CDGG 18 HB	10108210	1	17 - 18	10
CDGG 19 HB	10108211	1	18 - 19	10
CDGG 20 HB	10108212	1	19 - 20	10
CDGG 21 HB	10108213	1	20 - 21	10
CDGG 22 HB	10108214	1	21 - 22	10
CDGG 23 HB	10108215	1	22 - 23	10
CDGG 24 HB	10108216	1	23 - 24	10
CDGG 25 HB	10108217	1	24 - 25	10
CDGG 26 HB	10108218	1	25 - 26	10
CDGG 27 HB	10108219	1	26 - 27	10
CDGG 28 HB	10108220	1	27 - 28	10
CDGG 29 HB	10108221	1	28 - 29	10
CDGG 30 HB	10108222	1	29 - 30	10
CDGG 31 HB	10108223	1	30 - 31	10
CDGG 32 HB	10108224	1	31 - 32	10
CDGG 33 HB	10108225	1	32 - 33	10
CDKS 2-15 HB	10108226	1	2 - 11	10
CDGS 15-34 HB	10108227	1	7 - 24	10
CDKG 2x4-5 HB	10108228	2	4 - 5	10
CDKG 2x5-6 HB	10108229	2	5 - 6	10
CDKG 4x2-3 HB	10108230	4	2 - 3	10
CDKG 4x3-4 HB	10108231	4	3 - 4	10
CDKG/1xASI HB	10108232	0	-	10
CDKG/2xASI HB	10108233	0	-	10

CONMAXX® Seals

RoHS

Protection class IP66
Temperature range -40 · 90 °C
Material Thermoplastic elastomer; TPE UL94-V0
Advice CDK = Small seals, CDG = Big seals



Type	RAL 7035	No. of inserts	Ø Cable in mm	PU
CDK 0 V0	10108234	0	-	10
CDKG 2 V0	10108235	1	1,5 - 2	10
CDKG 3 V0	10108236	1	2 - 3	10
CDKG 4 V0	10108237	1	3 - 4	10
CDKG 5 V0	10108238	1	4 - 5	10
CDKG 6 V0	10108239	1	5 - 6	10
CDKG 7 V0	10108240	1	6 - 7	10
CDKG 8 V0	10108241	1	7 - 8	10
CDKG 9 V0	10108242	1	8 - 9	10
CDKG 10 V0	10108243	1	9 - 10	10
CDKG 11 V0	10108244	1	10 - 11	10
CDKG 12 V0	10108245	1	11 - 12	10
CDKG 13 V0	10108246	1	12 - 13	10
CDKG 14 V0	10108247	1	13 - 14	10
CDG 0 V0	10108248	0	-	10
CDGG 15 V0	10108249	1	14 - 15	10
CDGG 16 V0	10108250	1	15 - 16	10
CDGG 17 V0	10108251	1	16 - 17	10
CDGG 18 V0	10108252	1	17 - 18	10
CDGG 19 V0	10108253	1	18 - 19	10
CDGG 20 V0	10108254	1	19 - 20	10
CDGG 21 V0	10108255	1	20 - 21	10
CDGG 22 V0	10108256	1	21 - 22	10
CDGG 23 V0	10108257	1	22 - 23	10
CDGG 24 V0	10108258	1	23 - 24	10
CDGG 25 V0	10108259	1	24 - 25	10
CDGG 26 V0	10108260	1	25 - 26	10
CDGG 27 V0	10108261	1	26 - 27	10
CDGG 28 V0	10108262	1	27 - 28	10
CDGG 29 V0	10108263	1	28 - 29	10
CDGG 30 V0	10108264	1	29 - 30	10
CDGG 31 V0	10108265	1	30 - 31	10
CDGG 32 V0	10108266	1	31 - 32	10
CDGG 33 V0	10108267	1	32 - 33	10
CDKG 2x4-5 V0	10108268	1	4 - 5	10
CDKG 2x5-6 V0	10108269	1	5 - 6	10
CDKG 2x7 V0 LG	10111005	2	6 - 7	10
CDKG 2x8 V0 LG	10111006		7 - 8	10
CDKG 4x2-3 V0	10108270	4	2 - 3	10
CDKG 4x3-4 V0	10108271	4	3 - 4	10
CDKG/1xASI V0	10108272	0	-	10
CDKG/2xASI V0	10108273	0	-	10

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

Cable Protection – The Brace® System

The demands placed on cable protection products are justifiably high. Along with protection against external conditions such as the temperature, dirt and impact, handling must remain simple and convenient. A demand that our fittings and conduits from our Brace® system meet.

BraceFITTING

Our fittings consist of one component, which avoids the assembly as well as the storage of several components. This saves time and costly storage space. Nothing can get lost and assembly mistakes are prevented. Due to the 360° closure of the conduits, our fittings guarantee high strain relief and vibration resistance.

Security

The various colour schemes of the O-ring seals tell the user which conduit is the right one at a glance.



Metallic

Non-metallic

Security

The directly injected seal ensures secure installation and perfect sealing properties.

Comfortable installation

Thanks to a unique closing system that directly grips into conduit.

BRACE by WISKA

BraceCONDUIT

Our wide range of conduits offer a high level of quality and robustness – for static as well as dynamic areas of application. They are designed and engineered to handle the highest of demands under the toughest of conditions.

Non-metallic



Metallic





Our products at a glance

Non-metallic BraceFITTING (Page 94 · 95)



Non-metallic/brass BraceFITTING (Page 96 · 99)



Non-metallic Connector (Page 100)



Non-metallic BraceCONDUIT (Page 101 · 105)



Metallic BraceFITTING (Page 106)



Metallic BraceCONDUIT (Page 107 · 109)



Explore more...

WISKA make power smile

BraceFITTING, straight, polyamide, EBFS, metric

Protection class IP66, IP68
Temperature range -40 °C - 100 °C
Material Gland polyamide UL94-V0, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EBFS-07-12	10106844	10106861	7	M 12x1,5	50
EBFS-10-12	10106845	10106862	10	M 12x1,5	50
EBFS-10-16	10106846	10106863	10	M 16x1,5	50
EBFS-12-16	10106847	10106864	12	M 16x1,5	50
EBFS-12-20	10106848	10106865	12	M 20x1,5	50
EBFS-14-20	10106849	10106866	14	M 20x1,5	50
EBFS-17-20	10106850	10106867	17	M 20x1,5	50
EBFS-17-25	10106851	10106868	17	M 25x1,5	50
EBFS-23-25	10106852	10106869	23	M 25x1,5	25
EBFS-23-32	10106853	10106870	23	M 32x1,5	25
EBFS-29-32	10106854	10106871	29	M 32x1,5	25
EBFS-29-40	10106855	10106872	29	M 40x1,5	25
EBFS-36-40	10106856	10106873	36	M 40x1,5	10
EBFS-36-50	10106857	10106874	36	M 50x1,5	10
EBFS-48-50	10106858	10106875	48	M 50x1,5	5
EBFS-48-63	10106859	10106876	48	M 63x1,5	5

BraceFITTING, straight, with internal thread, polyamide, EBFSI, metric

Protection class IP66, IP68
Temperature range -40 °C - 100 °C
Material Gland polyamide UL94-V0, Connection thread polyamide UL94-V0, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EBFSI-10-16	10109747	10109740	10	M 16x1,5	50
EBFSI-12-20	10109748	10109741	12	M 20x1,5	50
EBFSI-17-25	10109749	10109742	17	M 25x1,5	50
EBFSI-23-32	10109750	10109743	23	M 32x1,5	25
EBFSI-29-40	10109751	10109744	29	M 40x1,5	10
EBFSI-36-50	10109752	10109745	36	M 50x1,5	10
EBFSI-48-63	10109753	10109746	48	M 63x1,5	5

BraceFITTING 45° angle, polyamide, EBF45, metric

Protection class IP66, IP68
Temperature range -40 °C - 100 °C
Material Gland polyamide UL94-V0, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EBF45-07-12	10106948	10106956	7	M 12x1,5	50
EBF45-10-12	10108870	10108876	10	M 12x1,5	50
EBF45-10-16	10106949	10106957	10	M 16x1,5	50
EBF45-12-16	10106950	10106958	12	M 16x1,5	50
EBF45-12-20	10108871	10108877	12	M 20x1,5	50
EBF45-17-20	10106951	10106959	17	M 20x1,5	50
EBF45-17-25	10108872	10108878	17	M 25x1,5	50
EBF45-23-25	10106952	10106960	23	M 25x1,5	25
EBF45-23-32	10108873	10108879	23	M 32x1,5	25
EBF45-29-32	10106953	10106961	29	M 32x1,5	25
EBF45-29-40	10108874	10108880	29	M 40x1,5	25
EBF45-36-40	10106954	10106962	36	M 40x1,5	10
EBF45-36-50	10108875	10108881	36	M 50x1,5	10
EBF45-48-50	10106955	10106963	48	M 50x1,5	5
EBF45-48-63	10108882	10108883	48	M 63x1,5	5

BraceFITTING 90° angle, polyamide, EBF90, metric

Protection class IP66, IP68
Temperature range -40 °C - 100 °C
Material Gland polyamide UL94-V0, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EBF90-07-12	10106966	10106974	7	M 12x1,5	50
EBF90-10-12	10108884	10108891	10	M 12x1,5	50
EBF90-10-16	10106967	10106975	10	M 16x1,5	50
EBF90-12-16	10106968	10106976	12	M 16x1,5	50
EBF90-12-20	10108885	10108892	12	M 20x1,5	50
EBF90-17-20	10106969	10106977	17	M 20x1,5	50
EBF90-17-25	10108886	10108893	17	M 25x1,5	50
EBF90-23-25	10106970	10106978	23	M 25x1,5	25
EBF90-23-32	10108887	10108894	23	M 32x1,5	25
EBF90-29-32	10106971	10106979	29	M 32x1,5	25
EBF90-29-40	10108888	10108895	29	M 40x1,5	25
EBF90-36-40	10106972	10106980	36	M 40x1,5	10
EBF90-36-50	10108889	10108896	36	M 50x1,5	10
EBF90-48-50	10106973	10106981	48	M 50x1,5	5
EBF90-48-63	10108890	10108897	48	M 63x1,5	5

BraceFITTING, straight, polyamide / brass, EMBFS, metric

Protection class IP68, IP66
Temperature range -40 °C · 100 °C
Material Gland polyamide UL94-V0, Connection thread brass nickel-plated, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EMBFS-07-12	10106877	10106893	7	M 12x1,5	50
EMBFS-10-16	10106878	10106894	10	M 16x1,5	50
EMBFS-10-20	10106879	10106895	10	M 20x1,5	50
EMBFS-12-16	10106880	10106896	12	M 16x1,5	50
EMBFS-12-20	10106881	10106897	12	M 20x1,5	50
EMBFS-14-20	10106882	10106898	14	M 20x1,5	50
EMBFS-17-20	10106883	10106899	17	M 20x1,5	50
EMBFS-17-25	10106884	10106900	17	M 25x1,5	50
EMBFS-23-25	10106885	10106901	23	M 25x1,5	25
EMBFS-23-32	10106886	10106902	23	M 32x1,5	25
EMBFS-29-32	10106887	10106903	29	M 32x1,5	25
EMBFS-29-40	10106888	10106904	29	M 40x1,5	25
EMBFS-36-40	10106889	10106905	36	M 40x1,5	10
EMBFS-36-50	10106890	10106906	36	M 50x1,5	10
EMBFS-48-50	10106891	10106907	48	M 50x1,5	5
EMBFS-48-63	10106892	10106908	48	M 63x1,5	5

BraceFITTING, straight, with internal thread, polyamide / brass, EMBFSI, metric

Protection class IP68, IP66
Temperature range -40 °C · 100 °C
Material Gland polyamide UL94-V0, Connection thread brass nickel-plated, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EMBFSI-10-16	10106914	10106922	10	M 16x1,5	50
EMBFSI-12-16	10106915	10106923	12	M 16x1,5	50
EMBFSI-12-20	10106916	10106924	12	M 20x1,5	50
EMBFSI-17-20	10106917	10106925	17	M 20x1,5	50
EMBFSI-23-25	10106918	10106926	23	M 25x1,5	50
EMBFSI-29-32	10106919	10106927	29	M 32x1,5	25
EMBFSI-36-40	10106920	10106928	36	M 40x1,5	10
EMBFSI-48-50	10106921	10106929	48	M 50x1,5	5

BraceFITTING 45° angle, EMBF45, polyamide and brass, metric

Protection class IP68, IP66
Temperature range -40 °C · 100 °C
Material Gland polyamide UL94-V0, Connection thread brass nickel-plated, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EMBF45-07-12	10106982	10107318	7	M 12x1,5	50
EMBF45-10-12	10106983	10107319	10	M 12x1,5	50
EMBF45-10-16	10106984	10107320	10	M 16x1,5	50
EMBF45-12-16	10106985	10107321	12	M 16x1,5	50
EMBF45-12-20	10106986	10107322	12	M 20x1,5	50
EMBF45-17-20	10106987	10107323	17	M 20x1,5	50
EMBF45-17-25	10106988	10107324	17	M 25x1,5	50
EMBF45-23-25	10106989	10107325	23	M 25x1,5	25
EMBF45-23-32	10106990	10107326	23	M 32x1,5	25
EMBF45-29-32	10106991	10107327	29	M 32x1,5	25
EMBF45-29-40	10106992	10107328	29	M 40x1,5	25
EMBF45-36-40	10106993	10107329	36	M 40x1,5	10
EMBF45-36-50	10106994	10107330	36	M 50x1,5	10
EMBF45-48-50	10106995	10107331	48	M 50x1,5	5
EMBF45-48-63	10106996	10107332	48	M 63x1,5	5

BraceFITTING 45° angle, with internal thread, polyamide / brass, EMBF45I, metric

Protection class IP68, IP66
Temperature range -40 °C · 100 °C
Material Gland polyamide UL94-V0, Connection thread brass nickel-plated, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EMBF45I-12-16	10107333	10107340	12	M 16x1,5	50
EMBF45I-12-20	10107334	10107341	12	M 20x1,5	50
EMBF45I-17-20	10107335	10107342	17	M 20x1,5	50
EMBF45I-23-25	10107336	10107343	23	M 25x1,5	50
EMBF45I-29-32	10107337	10107344	29	M 32x1,5	25
EMBF45I-36-40	10107338	10107345	36	M 40x1,5	10
EMBF45I-48-50	10107339	10107346	48	M 50x1,5	10

BraceFITTING 90° angle, polyamide / brass, EMBF90, metric

Protection class IP68, IP66
Temperature range -40 °C - 100 °C
Material Gland polyamide UL94-V0, Connection thread brass nickel-plated, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EMBF90-07-12	10107013	10106998	7	M 12x1,5	50
EMBF90-10-12	10107014	10106999	10	M 12x1,5	50
EMBF90-10-16	10107015	10107000	10	M 16x1,5	50
EMBF90-12-16	10107016	10107001	12	M 16x1,5	50
EMBF90-12-20	10107017	10107002	12	M 20x1,5	50
EMBF90-17-20	10107018	10107003	17	M 20x1,5	50
EMBF90-17-25	10107019	10107004	17	M 25x1,5	50
EMBF90-23-25	10107020	10107005	23	M 25x1,5	25
EMBF90-23-32	10107021	10107006	23	M 32x1,5	25
EMBF90-29-32	10107022	10107007	29	M 32x1,5	25
EMBF90-29-40	10107023	10107008	29	M 40x1,5	25
EMBF90-36-40	10107024	10107009	36	M 40x1,5	10
EMBF90-36-50	10107025	10107010	36	M 50x1,5	10
EMBF90-48-50	10107026	10107011	48	M 50x1,5	5
EMBF90-48-63	10107027	10107012	48	M 63x1,5	5

BraceFITTING 90° angle, with internal thread, polyamide / brass, EMBF90I, metric

Protection class IP68, IP66
Temperature range -40 °C - 100 °C
Material Gland polyamide UL94-V0, Connection thread brass nickel-plated, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EMBF90I-10-16	10107354	10107363	10	M 16x1,5	50
EMBF90I-12-16	10107355	10107364	12	M 16x1,5	50
EMBF90I-12-20	10107356	10107365	12	M 20x1,5	50
EMBF90I-17-20	10107357	10107366	17	M 20x1,5	50
EMBF90I-23-25	10107359	10107367	23	M 25x1,5	50
EMBF90I-29-32	10107360	10107368	29	M 32x1,5	25
EMBF90I-36-40	10107361	10107369	36	M 40x1,5	10
EMBF90I-48-50	10107362	10107370	48	M 50x1,5	10

BraceFITTING with cable gland, EMBFSCG, polyamide and brass, metric

RoHS

Protection class IP68, IP66
Temperature range -40 °C · 100 °C
Material Gland polyamide UL94-V0, Connection thread brass nickel-plated, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EMBFSCG-10-16	10107371	10107379	10	M 16x1,5	50
EMBFSCG-12-16	10107372	10107380	12	M 16x1,5	50
EMBFSCG-12-20	10107373	10107381	12	M 20x1,5	50
EMBFSCG-17-20	10107374	10107382	17	M 20x1,5	50
EMBFSCG-23-25	10107375	10107383	23	M 25x1,5	25
EMBFSCG-29-32	10107376	10107384	29	M 32x1,5	25
EMBFSCG-36-40	10107377	10107385	36	M 40x1,5	5
EMBFSCG-48-50	10107378	10107386	48	M 50x1,5	5

BraceFITTING, with cable gland, 45° angle, EMBF45CG, metric

RoHS

Protection class IP68, IP66
Temperature range -40 °C · 100 °C
Material Gland polyamide UL94-V0, Connection thread brass nickel-plated, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EMBF45CG-12-16	10107987	10107993	12	M 16x1,5	50
EMBF45CG-17-20	10107988	10107994	17	M 20x1,5	50
EMBF45CG-23-25	10107989	10107995	23	M 25x1,5	25
EMBF45CG-29-32	10107990	10107996	29	M 32x1,5	25
EMBF45CG-36-40	10107991	10107997	36	M 40x1,5	5
EMBF45CG-48-50	10107992	10107998	48	M 50x1,5	5

BraceFITTING, with cable gland, 90° angle, EMBF90CG, metric

RoHS

Protection class IP68, IP66
Temperature range -40 °C · 100 °C
Material Gland polyamide UL94-V0, Connection thread brass nickel-plated, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	Thread	PU
EMBF90CG-10-16	10107999	10108006	10	M 16x1,5	50
EMBF90CG-12-16	10108000	10108007	12	M 16x1,5	50
EMBF90CG-17-20	10108001	10108008	17	M 20x1,5	50
EMBF90CG-23-25	10108002	10108009	23	M 25x1,5	25
EMBF90CG-29-32	10108003	10108010	29	M 32x1,5	25
EMBF90CG-36-40	10108004	10108011	36	M 40x1,5	5
EMBF90CG-48-50	10108005	10108012	48	M 50x1,5	5

Other technical data on request / Subject to modifications and amendments

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BraceFITTING, Adaptor-Connector

Protection class IP68
Temperature range -40 °C - 100 °C
Material Gland polyamide UL94-V0, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width mm	PU
BFC-10-10	10109733	10109726	10	5
BFC-12-12	10109734	10109727	12	5
BFC-17-17	10109735	10109728	17	5
BFC-23-23	10109736	10108009	23	5
BFC-29-29	10109737	10109730	29	2
BFC-36-36	10109738	10109731	36	2
BFC-48-48	10109739	10109732	48	2

BraceFITTING, Y-Connector

Protection class IP68
Temperature range -40 °C - 100 °C
Material Gland polyamide UL94-V0, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width 1 mm	Nominal width 2 mm	PU
BFY-17-10-10	10109760	10109754	17	10	5
BFY-17-12-12	10109761	10109755	17	12	5
BFY-23-17-17	10109762	10109756	23	17	5
BFY-29-23-23	10109763	10109757	29	23	5
BFY-36-29-29	10109764	10109758	36	29	2
BFY-48-36-36	10109765	10109759	48	36	2

BraceFITTING, T-Connector

Protection class IP68
Temperature range -40 °C - 100 °C
Material Gland polyamide UL94-V0, Gasket TPU



Type	RAL 7031	RAL 9005	Nominal width 1 mm	Nominal width 2 mm	PU
BFT-12-12-12	10109772	10109766	17	10	5
BFT-17-17-17	10109773	10109767	17	12	5
BFT-23-23-23	10109774	10109768	23	17	5
BFT-29-29-29	10109775	10109769	29	23	5
BFT-36-36-36	10109776	10109770	36	29	2
BFT-48-48-48	10109777	10109771	48	36	2

BraceCONDUIT, BCA-S, polyamide PA6 V0

Temperature range -40 °C · 140 °C
Material PA6 UL94-V0



Type	RAL 7031	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BCA-S-07	10109177	10109175	7	10	50
BCA-S-10	10107079	10107072	10	13	50
BCA-S-12	10107080	10107073	12	15,7	50
BCA-S-14	10107081	10107074	14	18,5	50
BCA-S-17	10107082	10107075	17	21,2	50
BCA-S-23	10107083	10107076	23	28,3	50
BCA-S-29	10107084	10107077	29	34,5	25
BCA-S-36	10107085	10107078	36	42,2	25
BCA-S-48	10109178	10109176	48	54,5	25

BraceCONDUIT, divided, BCA-D, polyamide PA6 V0

Temperature range -40 °C · 140 °C
Material PA6 UL94-V0



Type	RAL 7031	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BCA-10-D	10107127	10107120	10	12,9	50
BCA-12-D	10107128	10107121	12	15,8	50
BCA-17-D	10107129	10107122	17	21	50
BCA-23-D	10107130	10107123	23	28,3	50
BCA-29-D	10107131	10107124	29	34,5	25
BCA-36-D	10107132	10107125	36	41,8	25
BCA-48-D	10107133	10107126	48	54,2	25

BraceCONDUIT, BCAV-S, polyamide PA6 V2

RoHS

Temperature range -40 °C - 125 °C
Material PA6 UL94-V2



Type	RAL 7031	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BCAV-S-07	10107095	10107086	7	10	50
BCAV-S-10	10107096	10107087	10	13	50
BCAV-S-12	10107097	10107088	12	15,7	50
BCAV-S-14	10107098	10107089	14	18,5	50
BCAV-S-17	10107099	10107090	17	21,2	50
BCAV-S-23	10107100	10107091	23	28,3	50
BCAV-S-29	10107101	10107092	29	34,5	25
BCAV-S-36	10107102	10107093	36	42,4	25
BCAV-S-48	10107103	10107094	48	54,5	25

BraceCONDUIT, heavy, BCAV-H, polyamide PA6 V2

RoHS

Temperature range -40 °C - 125 °C
Material PA6 UL94-V2



Type	RAL 7031	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BCAV-H-07	10109207	10109199	7	10	50
BCAV-H-10	10109208	10109200	10	13	50
BCAV-H-12	10109209	10109201	12	15,8	50
BCAV-H-17	10109210	10109202	17	21	50
BCAV-H-23	10109211	10109203	23	28,5	50
BCAV-H-29	10109212	10109204	29	34,5	25
BCAV-H-36	10109213	10109205	36	42,5	25
BCAV-H-48	10109214	10109206	48	54,5	25

BraceCONDUIT, divided, BCAV-D, polyamide PA6 V2

Temperature range -40 °C · 125 °C
Material PA6 UL94-V2



Type	RAL 7031	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BCAV-10-D	10107141	10107134	10	12,9	50
BCAV-12-D	10107142	10107135	12	15,8	50
BCAV-17-D	10107143	10107136	17	21	50
BCAV-23-D	10107144	10107137	23	28,3	50
BCAV-29-D	10107145	10107138	29	34,5	25
BCAV-36-D	10107146	10107139	36	41,8	25
BCAV-48-D	10107147	10107140	48	54,2	25

BraceCONDUIT, BCAB-L, polyamide PA 6 HB, lightweight

Temperature range -40 °C · 140 °C
Material PA6 UL94-HB

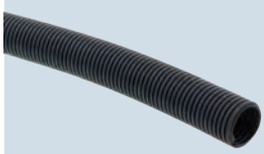


Type	RAL 7031	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BCAB-L-07	10109190	10109181	7	10	50
BCAB-L-10	10109191	10109182	10	13	50
BCAB-L-12	10109192	10109183	12	15,7	50
BCAB-L-14	10109193	10109184	14	18,5	50
BCAB-L-17	10109194	10109185	17	21,2	50
BCAB-L-23	10109195	10109186	23	28,3	50
BCAB-L-29	10109196	10109187	29	34,5	25
BCAB-L-36	10109197	10109188	36	42,4	25
BCAB-L-48	10109198	10109189	48	54,5	25

BraceCONDUIT, BCI-S, polyamide PA12 V1

RoHS HL3 EN 45545

Temperature range -40 °C - 110 °C
Material WISKAmid PA12 V1 RW

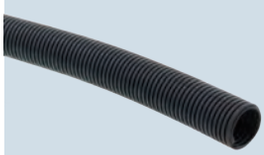


Type	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BCI-S-07	10109948	7	10	50
BCI-S-10	10109949	10	13	50
BCI-S-12	10109950	12	15,8	50
BCI-S-17	10109951	17	21	50
BCI-S-23	10109952	23	28,5	50
BCI-S-29	10109953	29	34,5	25
BCI-S-36	10109954	36	42,5	25
BCI-S-48	10109955	48	54,5	25

BraceCONDUIT, heavy, wide profile, BCI-H-W, polyamide PA12 V1

RoHS HL3 EN 45545

Temperature range -40 °C - 110 °C
Material WISKAmid PA12 V1 RW



Type	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BCI-H-07-W	10109964	7	10	50
BCI-H-10-W	10109965	10	13	50
BCI-H-12-W	10109966	12	15,8	50
BCI-H-14-W	10110210	14	18,5	50
BCI-H-17-W	10109967	17	21	50
BCI-H-23-W	10109968	23	28,5	50
BCI-H-29-W	10109969	29	34,5	25
BCI-H-36-W	10109970	36	42,5	25
BCI-H-48-W	10109971	48	54,5	25

BraceCONDUIT, BCIV-S, polyamide PA12 V2

RoHS

Temperature range -40 °C - 110 °C
Material PA12 UL94-V2

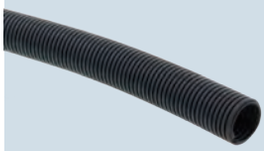


Type	RAL 7031	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BCIV-S-07	10109180	10109179	7	10	50
BCIV-S-10	10107112	10107104	10	13	50
BCIV-S-12	10107113	10107105	12	15,8	50
BCIV-S-14	10107114	10107106	14	18,5	50
BCIV-S-17	10107115	10107107	17	21	50
BCIV-S-23	10107116	10107108	23	28,5	50
BCIV-S-29	10107117	10107109	29	34,5	25
BCIV-S-36	10107118	10107110	36	42,3	25
BCIV-S-48	10107119	10107111	48	54,2	25

BraceCONDUIT, BCIB-S, polyamide PA12 HB

RoHS

Temperature range -40 °C - 120 °C
Material PA12 UL94-V2



Type	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BCIB-S-10	10111351	10	13	50
BCIB-S-12	10111352	12	15,8	50
BCIB-S-14	10111353	14	18,5	50
BCIB-S-17	10111354	17	21	50
BCIB-S-23	10111355	23	28,5	50
BCIB-S-29	10111356	29	34,5	25
BCIB-S-36	10111357	36	42,5	25
BCIB-S-48	10111358	48	54,5	25
BCIB-S-70	10111359	70	79,2	25
BCIB-S-90	10111360	90	106	

BraceCONDUIT, heavy, BCIB-H, polyamide PA12 HB

RoHS

Temperature range -40 °C - 120 °C
Material PA12 UL94-HB



Type	RAL 7031	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BCIB-H-07	10109229	10109220	7	10	50
BCIB-H-10	10109230	10109221	10	13	50
BCIB-H-12	10109231	10109222	12	15,8	50
BCIB-H-14	10109232	10109223	14	18,5	50
BCIB-H-17	10109233	10109224	17	21	50
BCIB-H-23	10109234	10109225	23	28,5	50
BCIB-H-29	10109235	10109226	29	34,5	25
BCIB-H-36	10109236	10109227	36	42,5	25
BCIB-H-48	10109237	10109228	48	54,5	25

BraceCONDUIT, Clip, BCC, polyamide

RoHS HL3 EN 45545

Temperatur range -40 °C - 100 °C
Material Polyamid UL94-V0



Type	RAL 7031	RAL 9005	Nominal width mm	PU
BCC-07	10106930	10106939	7	50
BCC-10	10106931	10106940	10	50
BCC-12	10106932	10106941	12	50
BCC-14	10106933	10106942	14	50
BCC-17	10106934	10106943	17	50
BCC-23	10106935	10106944	23	25
BCC-29	10106936	10106945	29	10
BCC-36	10106937	10106946	36	10
BCC-48	10106938	10106947	48	5

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

BraceFITTING, EMBMFS-S, brass, for smooth conduits

Protection class IP67
Temperature range -45 °C - 145 °C
Material Fitting Brass nickel-plated, Gasket PA



Type	Order No.	Nominal width mm	Thread	PU
EMBMFS-S-10-16	10109089	10	M 16x1,5	5
EMBMFS-S-12-16	10109091	12	M 16x1,5	5
EMBMFS-S-16-20	10109097	16	M 20x1,5	5
EMBMFS-S-16-25	10109099	16	M 25x1,5	5
EMBMFS-S-21-25	10109103	21	M 25x1,5	5
EMBMFS-S-27-32	10109107	27	M 32x1,5	2
EMBMFS-S-35-40	10109111	35	M 40x1,5	2
EMBMFS-S-40-50	10109115	40	M 50x1,5	2
EMBMFS-S-50-63	10109119	50	M 63x1,5	2

BraceFITTING, EMBMFS-C, brass, for corrugated conduits

Protection class IP67
Temperature range -45 °C - 145 °C
Material Fitting Brass nickel-plated, Gasket PA



Type	Order No.	Nominal width mm	Thread	PU
EMBMFS-C-10-16	10109090	10	M 16x1,5	5
EMBMFS-C-12-16	10109092	12	M 16x1,5	5
EMBMFS-C-16-20	10109098	16	M 20x1,5	5
EMBMFS-C-21-25	10109104	21	M 25x1,5	5
EMBMFS-C-27-32	10109108	27	M 32x1,5	2
EMBMFS-C-35-40	10109112	35	M 40x1,5	2
EMBMFS-C-40-50	10109116	40	M 50x1,5	2
EMBMFS-C-50-63	10109120	50	M 63x1,5	2

BraceCONDUIT, BMCG-PVC-C, PVC coated, corrugated

Temperature range -15 °C - 70 °C
Material Galvanised steel, Tube cover PVC, Surface corrugated



Type	RAL 7005	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BMCG-PVC-C-10	10109015	10109007	10	13,5	30
BMCG-PVC-C-12	10109016	10109008	12	15,7	30
BMCG-PVC-C-16	10109017	10109009	16	19,5	30
BMCG-PVC-C-21	10109018	10109010	21	24,7	30
BMCG-PVC-C-27	10109019	10109011	27	31,7	30
BMCG-PVC-C-35	10109020	10109012	35	40	30
BMCG-PVC-C-40	10109021	10109013	40	45	25
BMCG-PVC-C-50	10109022	10109014	50	56	25

BraceCONDUIT, BMCG-PVC-S, PVC coated, smooth

Temperature range -15 °C - 80 °C
Material Galvanised steel, Tube cover PVC, Surface smooth



Type	RAL 7005	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BMCG-PVC-S-10	10109031	10109023	10	15,5	30
BMCG-PVC-S-12	10109032	10109024	12	18	30
BMCG-PVC-S-16	10109033	10109025	16	21,5	30
BMCG-PVC-S-21	10109034	10109026	21	27	30
BMCG-PVC-S-27	10109035	10109027	27	33	30
BMCG-PVC-S-35	10109036	10109028	35	43	30
BMCG-PVC-S-40	10109037	10109029	40	48	25
BMCG-PVC-S-50	10109038	10109030	50	56	25

BraceCONDUIT, BMCG-PVC-S-GT, PVC coated, smooth, greater temperature range

RoHS

Temperature range -40 °C - 105 °C
Material Galvanised steel, Tube cover PVC, Surface smooth



Type	RAL 7005	RAL 9005	Nominal width mm	Outer diameter mm	PU (m)
BMCG-PVC-S-10-GT	10109047	10109039	10	15,5	30
BMCG-PVC-S-12-GT	10109048	10109040	12	18	30
BMCG-PVC-S-16-GT	10109049	10109041	16	21,5	30
BMCG-PVC-S-21-GT	10109050	10109042	21	27	30
BMCG-PVC-S-27-GT	10109051	10109043	27	33	30
BMCG-PVC-S-35-GT	10109052	10109044	35	43	30
BMCG-PVC-S-40-GT	10109053	10109045	40	48	25
BMCG-PVC-S-50-GT	10109054	10109046	50	56	25

BraceCONDUIT, BMCG-PU-C, PU coated, corrugated

RoHS HL3 EN 45545

Temperature range -45 °C - 120 °C
Material Galvanised steel, Tube cover PU, Surface corrugated



Type	RAL 7005	RAL 9005	RAL 5015	Nominal width mm	Outer diameter mm	PU (m)
BMCG-PU-C-10	10109071	10109055	10109063	10	13,5	30
BMCG-PU-C-12	10109072	10109056	10109064	12	15,7	30
BMCG-PU-C-16	10109073	10109057	10109065	16	19,5	30
BMCG-PU-C-21	10109074	10109058	10109066	21	24,7	30
BMCG-PU-C-27	10109075	10109059	10109067	27	31,7	30
BMCG-PU-C-35	10109076	10109060	10109068	35	40	30
BMCG-PU-C-40	10109077	10109061	10109069	40	45	25
BMCG-PU-C-50	10109078	10109062	10109070	50	56	25

BraceCONDUIT, BMCG-PVC-C-BG, PVC coated and steel wire over-braid

RoHS

Temperature range -15 °C - 70 °C
Material Galvanised steel, Tube cover galvanised steel, Surface corrugated



Type	Order No.	Nominal width mm	Outer diameter mm	PU (m)
BMCG-PVC-C-BG-10	10109079	10	15	30
BMCG-PVC-C-BG-12	10109080	12	17,5	30
BMCG-PVC-C-BG-16	10109081	16	21	30
BMCG-PVC-C-BG-21	10109082	21	26,5	30
BMCG-PVC-C-BG-27	10109083	27	32,5	30
BMCG-PVC-C-BG-35	10109084	35	42,5	30
BMCG-PVC-C-BG-40	10109085	40	47,5	25
BMCG-PVC-C-BG-50	10109086	50	59	25

BraceCONDUIT, Clip, BMCC

RoHS

Temperature range -40 °C - 100 °C
Material Galvanised steel



Type	Order No.	Inner diameter mm	PU
BMCC-13-17	10109251	13 - 17	10
BMCC-17-21	10109252	17 - 21	10
BMCC-21-26	10109253	21 - 26	10
BMCC-28-34	10109254	28 - 34	10
BMCC-37-44	10109255	37 - 44	10
BMCC-48-55	10109256	48 - 55	10

Other technical data on request / Subject to modifications and amendments

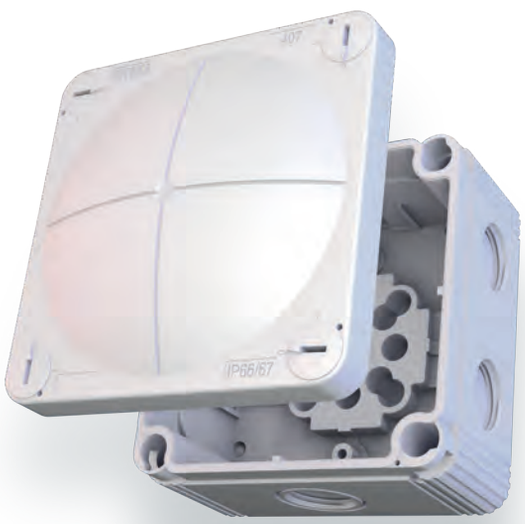
WISKA make power smile

Junction boxes

Easy and quick installation, suitable for indoor and outdoor applications, from a large to a small installation space, special colours or bellied as well as transparent lids – our product range of junction boxes and matching accessories offers a solution for every application.

The COMBI® Series

With a special design and highest plastic quality, which is UV and ozone resistant, it has been complying with the most demanding contractors requirements for years: The COMBI® junction box series is an original in every detail.



COMBI by WISKA

The KA Series

With a practical design that offers a wide range of fastening options, a lid and box that hold together even on uneven surfaces and a lid that never gets lost. The latest KA series convinces with many features.



Unique flexibility in their cable entries



Pierce the membrane and enter the cable. No further tool required.



Clean and easy installation with membrane cable entries on the rear of the box.



Quick cable gland installation with a combination of threaded membrane entries.



Optional strain relief on the cable. See page 122.

Versatile mounting options



The ESV can be used for installations at the cable track with 6 mm holes. See page 123.



The EDV are suitable for installations at the long holes of the cable track. See page 123.



Fixture with cable ties. Conveniently placed all around the rear side.



The ESD 30 are suitable for installations at the wall without any screws. See page 123.



Our products at a glance

COMBI® Junction Boxes (Page 112 · 117)



KA Installation boxes (Page 118 · 119)



KonnektIT (Page 120)



WHK Junction boxes (Page 121)



Mounting (Page 122 · 123)



Terminals (Page 123)



Earthing (Page 124)



Cable Joint (Page 125)



Explore more...

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The all Rounder: Our COMBI® 304 System

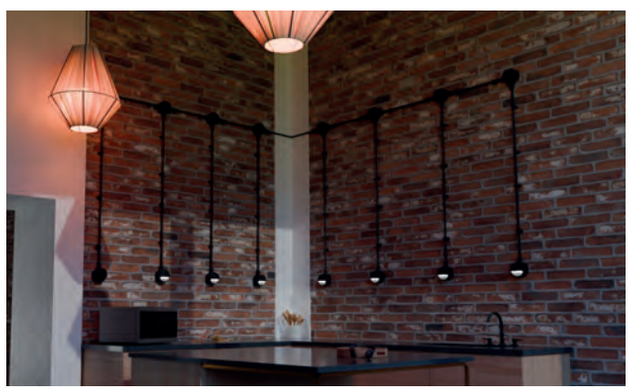
A trio of essential components designed to elevate your installation. This comprehensive system features a switch, junction box and LED light, each meticulously crafted to deliver unparalleled functionality and performance.

Discover the perfect synergy of efficiency, reliability and versatility with the COMBI® 304 System.

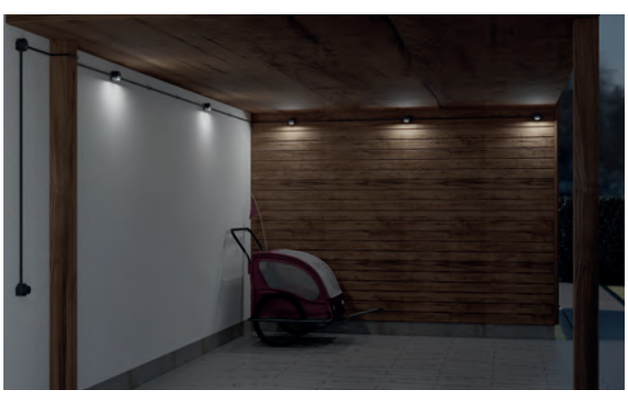
Garden lighting



Industrial lighting



Carport lighting



Path lighting



Junction Box, COMBI® 304

halogen RoHS

Protection class	IP66 / IP67	**Voltage**	400 V
Glow wire test	750 °C	**Material**	Polypropylene, Gasket TPE
Temperature range	-30 °C – 100 °C	**Dimensions**	ø 82 x 57 mm, mounting distance 90 mm
Installation temperature	-5 °C – 60 °C	**Rated cross section**	2,5 mm²



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	Terminal Type	PU
COMBI 304	10110629	10110630	10110631	non	5
COMBI 304/5	10110632	10110633	10110634	5-poles terminal block	5
COMBI 304/3x221-413	10110635	10110636	10110637	inkl. 1 WAGO terminal holder and 3 WAGO terminals 221-413	5

LED Light, COMBI® 304 LED

Protection class	IP66	**Rated lifetime**	L90/B10 @ Ta +45 °C
Glow wire test	750 °C	**System lifetime**	30,000 h
Temperature range	-20 °C – 45 °C	**Lumen**	250 lm
Voltage	230 V	**Material**	Polypropylene, Gasket TPE
Power	2.5 W	**Dimensions**	ø 82 x 67 mm, mounting distance 90 mm



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	Contents	PU
COMBI 304 LED	10112593	10112591	10112594	incl. 1 x VentGLAND® ESVG 20	1

Rotary switch, COMBI® 304 Switch

halogen RoHS

Protection class	IP66 / IP67	**Voltage**	250 V
Glow wire test	750 °C	**Current**	10A
Temperature range	-30 °C – 55 °C	**Material**	Polypropylene, Gasket TPE
		Dimensions	ø 82 x 78 mm, mounting distance 90 mm



Type	RAL 7035 LG	RAL 9005 BK	Switch type	PU
COMBI 304 SWITCH RS/1-2	10111001	10110647	On-Off, 2-pole	1
COMBI 304 SWITCH RS/5-1	10111002	10110648	Multi-circuit, 1-pole	1
COMBI 304 SWITCH RS/6-1	10111003	10110649	Change-over, 1-pole	1
COMBI 304 SWITCH RS/7-1	10111004	10110650	Four-way, 1-pole	1

COMBI® 304 Socket

halogen RoHS

Protection class	IP54	**Voltage**	250 V
Glow wire test	750 °C	**Current**	16A
Temperature range	-30 °C – 100 °C	**Material**	Polypropylene, Gasket TPE
		Dimensions	ø 84 x 76 mm, mounting distance 90 mm



Type	RAL 9005 BK	PU
COMBI 304 SOCKET CEE7-3 BK	10113798	1

Other technical data on request / Subject to modifications and amendments

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Junction Box, COMBI® 206

halogen · VDE · RoHS

Protection class	IP66 / IP67	**Voltage**	400 V
Glow wire test	750 °C	**Material**	Polypropylene, Gasket TPE
Temperature range	-30 °C – 100 °C	**Dimensions**	85 x 49 x 51 mm
Installation temperature	-5 °C – 60 °C	**Rated cross section**	1,5 mm²



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	Terminal Type	PU
COMBI 206	10109569	10109571	10109573	non	10
COMBI 206/5	10109570	10109572	10109574	5-poles terminal block	10
COMBI 206/ 3xWAGO 221-413	10109901	10109900	10109902	incl.1 WAGO terminal holder and 3 WAGO terminals 221-413	10

Junction Box, COMBI® 108

halogen · VDE · RoHS

Protection class	IP66	**Voltage**	400 V
Glow wire test	750 °C	**Material**	Polypropylene, Gasket TPE
Temperature range	-30 °C – 100 °C	**Dimensions**	76 x 76 x 51 mm
Installation temperature	-5 °C – 60 °C	**Rated cross section**	2,5 mm²



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	RAL 7035 / LG RAL 3000 / RD	Terminal Type	PU
COMBI 108	10060522	10061999	10060622	10060632	non	10
COMBI 108/5	10060523	10061998	10060623		5-poles terminal block	10
COMBI 108/ 3-221-413	10111272	10111273	10111274		incl. 1 WAGO terminal holder and 3 WAGO terminals 221-413	10

Junction Box, COMBI® 308

halogen · VDE · RoHS

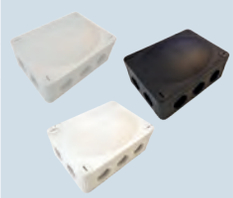
Protection class	IP66 / IP67	**Voltage**	400 V
Glow wire test	750 °C	**Material**	Polypropylene, Gasket TPE
Temperature range	-30 °C – 100 °C	**Dimensions**	85 x 85 x 51 mm
Installation temperature	-5 °C – 60 °C	**Rated cross section**	4,0 mm²
		Incl. SMB = Mounting clip for snap-on fixing	



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	RAL 7035 / LG RAL 3000 / RD	Terminal Type	PU
COMBI 308	10060400	10060581	10060610	10060480	non	5
COMBI 308/5	10060401	10060580	10060611	10107390	5-poles terminal block	5
COMBI 308/ 3-221-413	10110403	10110404	10110405		incl. 1 WAGO terminal holder and 3 WAGO terminals 221-41	5

Junction Box, COMBI® 310

Protection class	IP66 / IP67	**Voltage**	400 V
Glow wire test	750 °C	**Material**	Polypropylene, Gasket TPE
Temperature range	-30 °C – 100 °C	**Dimensions**	117 x 85 x 51 mm
Installation temperature	-5 °C – 60 °C	**Rated cross section**	4,0 mm²



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	Terminal Type	PU
COMBI 310	10113407	10113408	10113409	non	5
COMBI 310/ 3-221-413	10113410	10113411	10113412	incl. 1 WAGO terminal holder and 3 WAGO terminals 221-41	5

Junction Box, COMBI® 407

Protection class	IP66 / IP67	**Voltage**	690 V
Glow wire test	750 °C	**Material**	Polypropylene, Gasket TPE
Temperature range	-30 °C – 100 °C	**Dimensions**	95 x 95 x 60 mm
Installation temperature	-5 °C – 60 °C	**Rated cross section**	4,0 mm²
		Incl. SMB = Mounting clip for snap-on fixing	



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	RAL 7035 / LG RAL 3000 / RD	Terminal Type	PU
COMBI 407	10105595	10105601	10105598	10106840	non	5
COMBI 407/5	10105596	10105602	10105599		5-poles terminal block	5
COMBI 407/ SDK5	10105597	10105603	10105600		Screwless box terminal 5-poles	5
COMBI 407/ 3-221-413	10109674	10109673	10109675		incl. 1 WAGO terminal holder and 3 WAGO terminals 221-413	5

Junction Box, COMBI® 607

		Voltage	690 V
Protection class	IP66 / IP67	**Material**	Polypropylene, Gasket TPE
Glow wire test	750 °C	**Dimensions**	110 x 110 x 66 mm
Temperature range	-30 °C – 100 °C	**Rated cross section**	6,0 mm²
Installation temperature	-5 °C – 60 °C	IND = Version with flat cover	



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	RAL 7035 / LG RAL 3000 / RD	Terminal Type	PU
COMBI 607	10060531	10060648	10060533	10102628	non	5
COMBI 607/5	10060532	10060538	10060534		5-poles terminal block	5
COMBI IND 607	10060537				non	5
COMBI IND 607/5	10060519				5-poles terminal block	5

Other technical data on request / Subject to modifications and amendments

Junction Box, COMBI® 1010

Protection class	IP66 / IP67	**Voltage**	690 V
Glow wire test	750 °C	**Material**	Polypropylene, Gasket TPE
Temperature range	-30 °C – 100 °C	**Dimensions**	140 x 140 x 82 mm
Installation temperature	-5 °C – 60 °C	**Rated cross section**	10,0 mm²
		IND = Version with flat cover	



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	Terminal Type	PU
COMBI 1010	10060702	10062214	10062210	non	2
COMBI 1010/5	10060703	10062215	10062211	5-poles terminal block	2
COMBI IND 1010	10060704			non	2
COMBI IND 1010/5	10060705			5-poles terminal block	2

Junction Box, COMBI® 1210

Protection class	IP66 / IP67	**Voltage**	690 V
Glow wire test	750 °C	**Material**	Polypropylene, Gasket TPE
Temperature range	-30 °C – 100 °C	**Dimensions**	160 x 140 x 81 mm
Installation temperature	-5 °C – 60 °C	**Rated cross section**	10,0 mm²



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	Terminal Type	PU
COMBI 1210	10101459	10101460	10101461	non	2
COMBI 1210/5	10101462	10101463	10101464	5-poles terminal block	2

Junction Box, COMBI® 1610

halogen RoHS

Protection class	IP66 / IP67	**Voltage**	690 V
Glow wire test	960 °C	**Material**	Polycarbonate, Gasket PU
Temperature range	-30 °C – 100 °C	**Dimensions**	200 x 160 x 94 mm
Installation temperature	-5 °C – 60 °C	**Rated cross section**	16,0 mm²

DK = Version with clear lid
PL = Plain version, completely closed sides



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	Terminal Type	PU
COMBI 1610	10110735	10110739	10110743	non	1
COMBI 1610/3	10110736	10110740	10110744	3-pole screw terminal	1
COMBI 1610/5	10111282			5-pole screw terminal	1
COMBI 1610 DK	10110737	10110741	10110745	non	1
COMBI 1610/3 DK	10110738	10110742	10110746	3-pole screw terminal	1
COMBI 1610 PL	10111113	10111117	10111121	non	1
COMBI 1610/3 PL	10111114	10111118	10111122	3-pole screw terminal	1
COMBI 1610 PL DK	10111115	10111119	10111123	non	1
COMBI 1610/3 PL DK	10111116	10111120	10111124	3-pole screw terminal	1

Junction Box, COMBI® 2516

halogen RoHS

Protection class	IP66 / IP67	**Voltage**	690 V
Glow wire test	960 °C	**Material**	Polycarbonate, Gasket PU
Temperature range	-30 °C – 100 °C	**Dimensions**	260 x 200 x 124 mm
Installation temperature	-5 °C – 60 °C	**Rated cross section**	25,0 mm²

DK = Version with clear lid
PL = Plain version, completely closed sides



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	Terminal Type	PU
COMBI 2516	10113783	10113784	10113785	non	1
COMBI 2516/5	10113786	10113787	10113788	5-pole screw terminal	1
COMBI 2516 DK	10113789	10113790	10113794	non	1
COMBI 2516 PL	10113791	10113792	10113793	non	1

Other technical data on request / Subject to modifications and amendments

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Junction Box, COMBI® IP68 Set

halogen RoHS

Protection class	IP68 (15 m 170 h)	**Filling**	Solicone
Glow wire test	750 °C	**Material**	Polypropylene, Gasket TPE
Temperature range	-30 °C – 100 °C		
Installation temperature	-5 °C – 60 °C		



Type	RAL 7035 LG	RAL 9005 BK	Terminal Type	PU
COMBI IP68 SET 308	10060457		non	1
COMBI IP68 SET 308/5	10066634		5-poles terminal block	1
COMBI IP68 SET 407	10105681	10105683	non	1
COMBI IP68 SET 407/5	10105682	10105684	5-poles terminal block	1
COMBI IP68 SET 607	10061185	10100838	non	1
COMBI IP68 SET 607/5	10066635		5-poles terminal block	1
COMBI IP68 SET 1010	10061488		non	1
COMBI IP68 SET 1010/5	10066636		5-poles terminal block	1

Installation Box, KA 006

Protection class IP55
Temperature range -30 °C – 60 °C
Installation temperature -5 °C – 60 °C

Voltage 400 V
Material Polyethylene/Polypropylene
Dimensions 86 x 44 x 41 mm
XxZER = incl. strain relief ring



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	RAL 3000 RD	RAL 6024 GN	Terminal Type	PU
KA 006	10109426	10109578	10109580	10109582	10109584	non	10
KA 006/5	10109577	10109579	10109581	10109583	10109585	5-poles terminal block	10
KA 006/3xZER	10110195					non	10
KA 006/3x221-413/3xZER	10110865					non	10

Installation Box, KA 012

Protection class IP55
Temperature range -30 °C – 60 °C
Installation temperature -5 °C – 60 °C

Voltage 400 V
Material Polyethylene/Polypropylene
Dimensions 86 x 86 x 41 mm
XxZER = incl. strain relief ring



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	RAL 3000 RD	RAL 6024 GN	Terminal Type	PU
KA 012	10109427	10109587	10109589	10109591	10109593	non	10
KA 012/5	10109586	10109588	10109590	10109592	10109594	5-poles terminal block	10
KA 012/3xZER	10110196					non	10
KA 012/3x221-413/6xZER	10110866					incl. 1 WAGO terminal holder and 3 WAGO terminals 221-413	10

Installation Box, KA 016

Protection class IP55
Temperature range -30 °C – 60 °C
Installation temperature -5 °C – 60 °C

Voltage 400 V
Material Polyethylene/Polypropylene
Dimensions 125 x 86 x 41 mm
XxZER = incl. strain relief ring



Type	RAL 7035 LG	RAL 9005 BK	RAL 9001 WH	RAL 3000 RD	RAL 6024 GN	Terminal Type	PU
KA 016	10109428	10109596	10109598	10109600	10109602	non	10
KA 016/5	10109595	10109597	10109599	10109601	10109603	5-poles terminal block	10
KA 016/5xZER	10110197					non	10
KA 016/3x221-413/8xZER LG	10110867					3 WAGO terminals 221-413	10

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Installation Box, KonnektIT

halogen RoHS

Protection class	IP20	**Material**	Polyethylene
Temperature range	-30 °C – 60 °C		

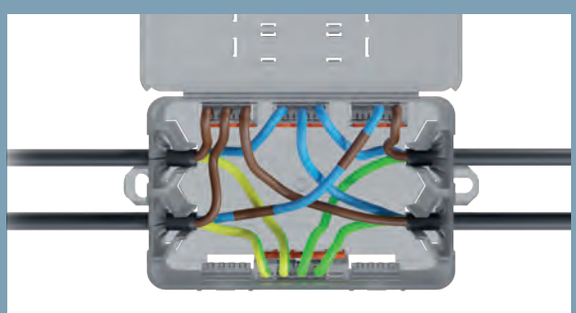


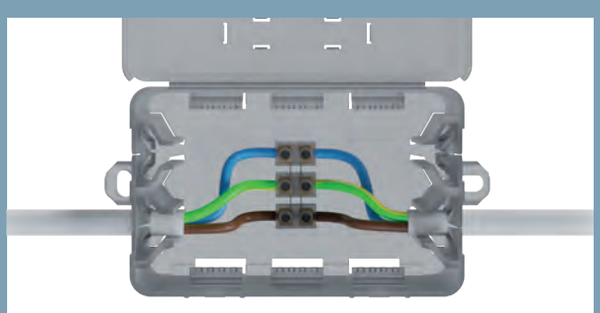
Type	Transparent CL	RAL 9001 WH	Terminal Type	PU
KonnektIT 204	10112581	10112332	non	10
KonnektIT 204 5x221-413	10112582	10112333	incl. 5 WAGO terminals 221-413	10

KonnektIT

Easy installation due to built-in strain relief and external mounting. Can be equipped with WAGO terminal 221-413, or 211-2411 as well as a luster terminal. Perfect for indoor luminaire installation.









Junction Box, WHK 608

Protection class	IP20	**Voltage**	400 V
Temperature range	-20 °C – 60 °C	**Material**	Polystyrene
Installation temperature	-5 °C – 60 °C	**Dimensions**	108 x 98 x 57 mm 108 x 98 x 72 mm



Type	RAL 7035 LG	PU
WHK 608A	10105991	5
WHK 608S	10105992	5

WHK Base/WHK Lid versions

Protection class	IP20	**Voltage**	400 V
Temperature range	-20 °C – 60 °C	**Material**	Polystyrene
Installation temperature	-5 °C – 60 °C		



Type	RAL 7035 LG	Clamping cage	PU
WHK 608U	10106020	5 mm – 13 mm	5



Type	RAL 7035 LG	Built-in socket	PU
WHK 608SD-2x3p-Ad-v	10106021	2x3p	5
WHK 608SD-1x3p-Ad-v	10106022	1x3p	5
WHK 608SD-4x3p-Ad-v	10106023	4x3p	5
WHK 608SD-2x3p-4x4p-Ad-v	10106024	2x3p/4x4p	5
WHK 608SD-1x4p-Ad-v	10106025	1x4p	5
WHK 608SD-4x4p-Ad-v	10106026	4x4p	5
WHK 608SD-2x4p-Ad-v	10106027	2x4p	5
WHK 608SD-2x3p-1x4p-Ad-v	10106028	2x3p/1x4p	5
WHK 608SD-6x3p-Ad-v	10106029	6x3p	5
WHK 608SD-3x3p-Ad-v	10106030	3x3p	5
WHK 608SD-3x3p-1x4p-Ad-v	10106031	3x3p/1x4p	5
WHK 608SD-2x5p-Ad-v	10106032	2x5p	5
WHK 608SD-4x5p-Ad-v	10106033	4x5p	5

Junction Box, KRASS + KRASM

Temperature range	-20 °C – 60 °C -30 °C – 100 °C	**Material** **Cable insert**	Plastic 5 mm – 13 mm



Type	RAL 7035 LG	RAL 9005 LG	RAL 9001 LG	PU
KRASS 20/2,5	10105993			50
KRASM 20/7	10106052	10110808	10110809	50

Other technical data on request / Subject to modifications and amendments

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External mounting

Temperature range -30 °C – 100 °C
Material Polyamide

Suitable for COMBI 308, 407, 607, 1010, 1210 and 1610



Type	RAL 7035 LG	PU
External mounting – COMBI LG	10108836	2x4 pices

Mounting plates

Material Galvanized steel
Dimensions 160 x 76 x 9,4 mm /
241 x 181 x 9,7 mm

Small version suitable for
COMBI 108 / 116 / 206 / 308 / 407 / WHK
Large version suitable for all COMBI / KA / WHK



Type	Order No.	PU
MP-S Mounting plate small	10105774	1
MP-L Mounting plate large COMBI / WHK	10105775	1

Mounting-Kit KA/COMBI®

Content 10 pieces ESD 30 RAL 7035, 10 pieces ESV RAL 7035
10 pieces EDV RAL 7035, 10 pieces ZER RAL 7035
1 pice external mounting COMBI RAL 7035



Type	RAL 7035 LG	PU
Mounting-Kit KA/COMBI	10110239	1

Strain relief ring, ZER

Temperature range -30 °C – 100 °C

Material PC + ABS-Blend V0



Type	RAL 7035 LG	Clamping cage	PU
ZER 4-12 LG	10109800	4 mm – 12 mm	10
ZER 11-18 LG	10110766	11 mm – 18 mm	10

Mounting kit for KA

Temperature range -20 °C – 85 °C
Material Polyamide

Suitable for
Euro plug locking (ESV)
Euro twist locking (EDV)
Euro plug-in dowels (ESD 30)



Type	RAL 7035 LG	PU
ESD 30 LG	10109875	50
ESV LG	10109876	50
EDV LG	10109877	50

Terminal blocks

Temperature range -25 °C – 80 °C
Glow wire test 960 °C

Material Polyamide



Type	Order No.	Suitable for	Terminals	PU
SP-HKT 11/5 Terminal block	22001132	COMBI 108, COMBI 308, COMBI 407	4 mm²	1
SP-HKT 607 Terminal block	22000407	COMBI 607, COMBI INDUSTRY 607 (max. 2 terminal blocks per box)	6 mm²	1
SP-HKT 1010 Terminal block	22000408	COMBI 1010, COMBI INDUSTRY 1010, COMBI 1210 (max. 4 terminal blocks per box)	10 mm²	1
SP-HKT 1610 Terminal block	22001224	COMBI 1610, COMBI MAR 1610 (max. 2 terminal blocks per box)	16 mm²	1
SP-KT 11/5 Terminal block	22000409	KA 006, KA 012, KA 016	4mm²	1
SP-KT407 SDK5 screwless box terminal	22000811	COMBI 108, COMBI 304, COMBI 308, COMBI 407	0,5-2,5mm² for solid wires 1,5-2,5mm² for rigid stranded wires	1
SP-KT-W 221/CSM-3x221-413	22001114	COMBI 108, COMBI 304 COMBI 308, COMBI 407	non	1
SP-KT-W 221/CSM	22001115	COMBI 108, COMBI 304 COMBI 308, COMBI 407	3 x 0,14 ... 4 mm²	1
SP-KT-W 221	22001116	For mounting on DIN Rail Kit TS 15	non	1

DIN Rail Kit

Material Steel



Type	Order No.	PU
DIN Rail Kit – COMBI 108/308/TS15	10060362	1
DIN Rail Kit – COMBI 407/TS15	10105604	1
DIN Rail Kit – COMBI 407/TS35	10105605	1
DIN Rail Kit – COMBI 607/TS15	10111678	1
DIN Rail Kit – COMBI 607/TS35	10060361	1
DIN Rail Kit – COMBI 1010/TS35	10060363	1
DIN Rail Kit – COMBI 1210/TS35	10101478	1
DIN Rail Kit – COMBI 1610/TS35	10112803	1

Other technical data on request / Subject to modifications and amendments

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Earthing plates

Material Brass



Type	Order No.	Suitable for	Dimensions	Content	PU
EC 308	10101473	COMBI 308	55 x 28 x 5 mm	2 earthing plate for 2 glands	1
EC 607	10101474	COMBI 607	33 x 33 x 5 mm	2 earthing plates for 1 gland	1
EC 1010/3	10104903	COMBI 1010	100 x 38 x 0,8 mm	1 earthing plates for 3 glands	1
EC 1210	10101476	COMBI 1012	74 x 34 x 0,8 mm 114 x 34 x 0,8 mm	1 earting plate for 2 glands 1 earthing plate for 3 glands	1
Earthing-KIT 407/1EC2+1EC1	10105647	COMBI 407	See details for individual versions	1 earthing plate for 2 glands 1 earthing plate for 1 gland + mounting kit	1
Earthing-KIT 407/2EC2+1EC1	10105606	10105606	See details for individual versions	2 earthing plate for 2 glands 1 earthing plate for 1 gland + mounting kit	1

Earthing spring

Glow wire test 650°C **Material** Stainless steel



Type	Order No.	Dimensions	PU
E-SPRING20	10112329	M 20 x 1,5	5
E-SPRING25	10112330	M 25 x 1,5	5
E-SPRING32	10112331	M 32 x 1,5	5

Cable Joint, 788/ESKV

Protection class IP68 (5 bar 30 min) **Material** Polyamide



Type	RAL 7035 LG	RAL 9005 BK	Terminal Type	PU
788/ESKV 25	10112267	10112268	5-pole, 2,5mm² screw type	15
788/ESKV 25/221-2411	10112269	10112270	3 WAGO terminals 221-2411	15
788/ESKV 32	10113778	10113779	5-pole, 6mm² screw type	15
788/ESKV 32/221-2411	10113780	10113781	5 WAGO terminals 221-2411	15

Cable Joint 788/ESKV

The new 788/ESKV is an updated version of the original PG version. It offers installation options in the smallest of spaces and enables two identical cables to be connected without any problems. With a high protection class, it is also a tough connection for use in demanding conditions.



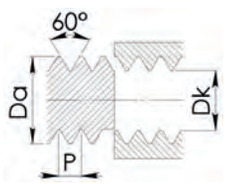
Other technical data on request / Subject to modifications and amendments

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Technical data

Dimensions of thread and drilled holes

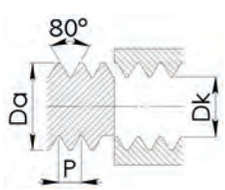
Metric thread
ISO 965 (DIN 13)



D (mm)	Da (mm)	P (mm)	Dk (mm)	DD (mm)
M6x0,75 1)	6,00	0,75	5,10	6,0 - 6,2
M6x1	6,00	1,00	4,90	6,0 - 6,2
M8x1 1)	8,00	1,00	6,90	8,0 - 8,2
M8x1,25	8,00	1,25	6,60	8,0 - 8,2
M10x1 1)	10,00	1,00	8,90	10,0 - 10,2
M12x1,5 1)	12,00	1,50	10,30	12,0 - 12,2
M16x1,5 1)2)	16,00	1,50	14,30	16,0 - 16,2
M18x1,5 2)	18,00	1,50	16,30	18,0 - 18,2
M20x1,5 1)	20,00	1,50	18,30	20,0 - 20,2
M24x1,5 2)	24,00	1,50	22,30	24,0 - 24,2
M25x1,5 1)	25,00	1,50	23,30	25,0 - 25,2
M30x2 2)	30,00	2,00	27,80	30,0 - 30,3
M32x1,5 1)	32,00	1,50	30,30	32,0 - 32,3
M36x2 2)	36,00	2,00	33,80	36,0 - 36,3
M40x1,5 1)	40,00	1,50	38,30	40,0 - 40,3
M45x2 2)	45,00	2,00	42,80	45,0 - 45,3
M50x1,5 1)	50,00	1,50	48,30	50,0 - 50,3
M56x2 2)	56,00	2,00	53,80	56,0 - 56,3
M63x1,5 1)	63,00	1,50	61,30	63,0 - 63,3
M72x2 2)	72,00	2,00	69,80	72,0 - 72,3
M75x1,5 1)	75,00	1,50	73,30	75,0 - 75,3
M80x2	80,00	2,00	77,80	80,0 - 80,4
M105x2	105,00	2,00	102,80	105,1 - 105,5

1) metric thread acc. to EN 60423 2) metric thread acc. to DIN 89280

Steel conduit thread
DIN 40430



D (mm)	Da (mm)	P (mm)	Dk (mm)	DD (mm)
Pg 7	12,50	1,270	11,20	12,6 - 12,8
Pg 9	15,20	1,410	13,80	15,3 - 15,5
Pg11	18,60	1,410	17,20	18,7 - 18,9
Pg13,5	20,40	1,410	19,00	20,5 - 20,7
Pg16	22,50	1,410	21,10	22,6 - 22,8
Pg21	28,30	1,588	26,70	28,4 - 28,6
Pg29	37,00	1,588	35,40	37,1 - 37,4
Pg36	47,00	1,588	45,40	47,1 - 47,4
Pg42	54,00	1,588	42,40	54,1 - 54,5
Pg48	59,30	1,588	57,70	59,4 - 59,7

National standard pipe thread
ANSI / ASME B1.20.1

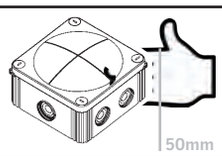
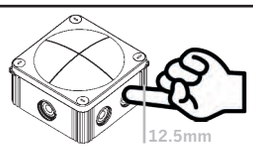
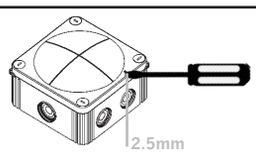
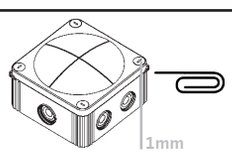
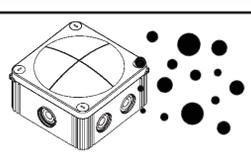
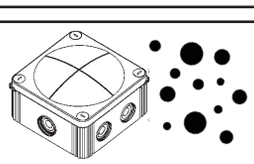
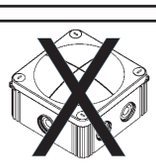


D (mm)	Da (mm)	P (mm)	Dk (mm)	DD (mm)
NPT1/4	13,716	1,411	11,10	--
NPT3/8	17,145	1,411	14,50	--
NPT1/2	21,336	1,814	17,90	--
NPT3/4	26,670	1,814	23,20	--
NPT1	33,401	2,209	29,20	--
NPT11/4	42,164	2,209	37,90	--
NPT11/2	48,260	2,209	43,90	--
NPT2	60,325	2,209	55,90	--

Ingress Protection IP68

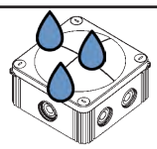
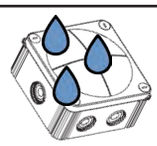
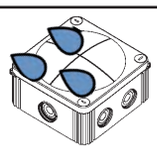
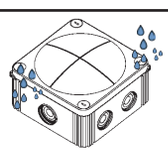
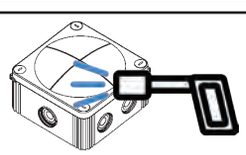
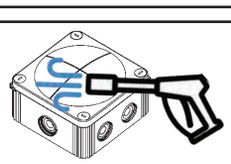
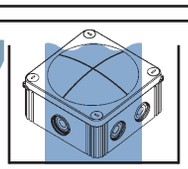
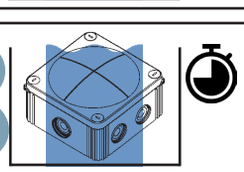
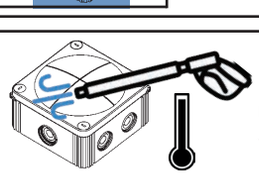
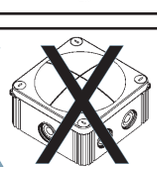
Example

Solids

1		Protection against solid object greater than 50 mm.
2		Protection against solid object greater than 12.5 mm.
3		Protection against solid object greater than 2.5 mm.
4		Protection against solid object greater than 1 mm.
5		Limited ingress of dust. Will not interfere with equipmrent.
6		No ingress of dust permitted.
		Protection level not formally tested.

A digit of "0" for either solid or liquids indicates no protection.

Water

1		Protection against vertically falling droplets.
2		Protection against vertically falling droplets when tilted up.
3		Protection against spraying water up to an angle of 60°.
4		Protection against splashes of water from all directions.
5		Protection against low pressure jets of water.
6		Protection against high pressure jets of water.
7		Protection against immersion in water between 15cm - 1m deep for 30 minutes.
8		Protection against immersion in water under pressure for long periods.
9		Protection from close-range, powerful, high temperature water jets.
X		Protection level not formally tested.

Other technical data on request / Subject to modifications and amendments

WISKA make power smile

Impact resistance

Degrees of protection acc. to EN 62262 / VDE 0470 P.100
Standard EN 62262 / VDE 0470 P.100 "Degrees of protection against external mechanical loading provided by enclosures for electrical apparatus (equipment) - IK-Code" describes a way of classifying the degrees of protection which enclosures of electrical apparatus afford against external mechanical or stress, called IK-Code system.

These IK-Codes are used as follows to categorise stress energy:

IK-Code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Stress energy in Joule	*)	0,15	0,2	0,35	0,5	0,7	1	2	5	10	20

*) not protected in conformity with the present Standard

EN 62444 – what does it mean?

1. Field of application of EN 62444: This standard contains requirements and tests for the design and manufacture of metric Cable glands. The standard covers complete Cable glands from (,...,) but not parts of Cable glands.

2. The internal threads of Cable glands must be designed as specified in Table 1 of EN 60423. These thread sizes are as follows: M 6x0.75; M 8x1; M 10x1; M 12x1.5; M 16x1.5; M 20x1.5; M 25x1.5; M 32x1.5; M 40x1.5; M 50x1.5; M 63x1.5 and M 75x1.5.

3. Mounting holes must be in the sizes specified in Table 1

Table 1: Mounting holes for Cable glands

Size	**12**	**16**	**20**	**25**	**32**	**40**	**50**	**63**	**75**
Thread size	M 12	M 16	M 20	M 25	M 32	M 40	M 50	M 63	M 75
Diameter of mounting hole +0,2 mm	12,0	16,0	20,0	25,0	32,0	40,0	50,0	63,0	75,0

4. Cable glands must provide restraining capacity for Cables and leads over the entire sealing region. Cable glands with strain relief for Cables and leads must relieve the conductors of stress, including torsion. The standard's tests are in each case conducted on the smallest and largest specified size of the sealing or strainrelief region, at the associated forces and torques specified in Table 2. These tests are conducted with test mandrels simulating the outer diameter of Cables and leads. The test mandrels comprise metal rods having an elastomer sheath.

Table 2: Tensile forces for restraining capacity and strain relief, torques for torsion test

Cable and lead diameter [mm]	**Restraining capacity [N]**	**Strain relief Type A [N]**	**Strain relief Type B [N]**	**Torque Types A & B [Nm]**
up to 4	5	-	-	-
> 4 to 8	10	30	75	0,10
> 8 to 11	15	42	120	0,15
>11 to 16	20	55	130	0,35
>16 to 23	25	70	140	0,60
>23 to 31	30	80	250	0,80
>31 to 43	45	90	350	0,90
>43 to 55	55	100	400	1,00
>55	70	115	450	1,20

5. Cable glands must be resistant to impact. A test mandrel corresponding to the smallest size of the sealing region is fixed in the unit under test, and the test is then conducted at the lowest temperature, applying the degree of energy specified for the respective category in Table 3.

Table 3: Impact values

Category	1	2	3	4	5	6	7	8
Force [N]	2	2	2	2	10	10	10	20
Weight [kg]	0,2	0,2	0,2	0,2	1,0	1,0	1,0	2,0
Energy [J]	0,2	0,5	1,0	2,0	4,0	7,0	10,0	20,0
Height [m]	0,1	0,25	0,5	1,0	0,4	0,7	1,0	1,0

All of these figures, tables and values are extracted from DIN EN 62444. This standard obviously describes other tests as well (electrical properties, IP code, etc.), required for the classification and identification of Cable glands. However, it would be beyond the scope of the present catalogue to itemise all of them. Please contact us if you have any queries.

Classification acc. EN / IEC 62444

"The manufacturer ... (of Cable glands) shall provide ... all information necessary for the proper use and safe installation, ..." EN / IEC 62444, Paragraph 7.3

The table contains the informations for the Cable gland SPRINT® system. The informations are tested and certified from the VDE Testing and Certification Institute – See Certificate No. 40006479

The values in the following table are valid for Types ESKV(S)(-L) **, EMSKV(S)(-L) ** (EMV-Z/S), ESSKV(S)(-L) ** (EMV-Z/S) and ESSKV(S)(-L)-4 ** (EMV-Z/S)

	12	16	20	25	32	40	50	63	75
Clamping range = sealing range [mm]	3 - 7	4,5 - 10	6 - 13	9 - 17	13 - 21	16 - 28	21 - 35	34 - 48	48 - 62
Type of Cable anchorage	A	A	A	A	A	A	A	A	A
Installation torques - fitting [Nm]	4[1]	4[1]	8[1]	10[1]	20[1]	20[1]	30[1]	40[1]	40[1]
Installation torques - cap nut [Nm]	4[1]	4[1]	8[1]	10[1]	20[1]	20[1]	30[1]	40[1]	40[1]
Impact category	6[1]	6[1]	6[1]	6[1]	6[1]	6[1]	6[1]	6[1]	6[1]

1 These values are for the cable glands made of brass and stainless steel.

The conduits of our Brace® system are tested and evaluated according to DIN EN 61386-1/23

Depending on the result, the products are classified in different classifications.

	BCA-S	BCAV-S	BCAV-H	BCAB-L	BCI-S	BCI-H-W	BCIV-S	BCIB-S	BCIB-H
Compression strength	1	1	2	2	1	2	1	1	1
Impact strength	4	4	4	4	4	2	4	4	4
Reverse bending stress	4	4	4	4	4	4	4	4	4
Electrical charactaristic	0	0	0	0	0	0	0	0	0
Solid tightness test	6	6	6	6	6	6	6	6	6
Liquid tightness test	8	8	8	8	8	8	8	8	8
Resistance against corrosion	-	-	-	-	-	-	-	-	-
Pull-out resistance	1	1	1	1	2	1	1	2	1
Resistance against flame propagation	1	1	1	1	1	1	1	1	1
Suspended load capacity	2	2	1	1	-	-	-	-	-

The mechanical tests include the test for the compression strength, in which the corrugated conduit is pressed with a pressure head. After a predefined time, the test is finished and the conduit must not show any damage. The following table shows the classification:

Category	1	2	3	4	5
Pressure force [N]	125	320	750	1250	400

In the impact test, the conduits have to be stored at a specified temperature for 2h. After this time, a drop weight falls on the conduit from a prescribed height.

Category	1	2	3	4	5
Weight [kg]	0,5	1	2	2	6,8
Height [mm]	100	100	100	300	300

During the reverse bend test, the corrugated conduit must be moved back and forth 90° (180° in sum) 40 times per minute and a total of 5000 times. This test is carried out at the lowest application temperature of the corrugated conduit.

Category	1	2	3	4
Resistance to bending	rigid	pliable	pliable / self-recovering	flexible

The electrical characteristics do not need to be explained.

Category	0	1	2	3
Electrical characteristics	Not explained	With electrical conduction properties	With electrical insulation properties	With electrical conduction and insulation properties

The leak tests for solids and liquids are the same as for the Cable glands (see IP overview). The classification number corresponds to the degree of protection number.

For plastic product no classification against corrosion has to be indicated.

Another mechanical test is the pull-out test. There are the following classifications:

Category	1	2	3	4	5
Pull Out Force [N]	100	250	500	1.000	2.500

The resistance to flame spread must be specified. Here the corrugated conduits are flamed with a 1kW flame.

Category	1	2
Resistance against lame propagation	non flame spreading	flame spreading

The specification of the suspended load is voluntary. This checks whether the corrugated conduit is pulled out of the fitting within 24 hours by an attached weight at the maximum application temperature.

Category	1	2	3	4	5
Weight [kg]	0,5	1	2	4	8

Enclosure Guide

The following chart is a general COMBI® guide.

Model	Dimensions (mm)	IP Rating	Number of Entries	Entry Size	Volume of Gel Required (ml)
COMBI 108	76 x 76 x 51	IP66	10*	M20	200ml
COMBI 206	85 x 49 x 51	IP66/67	6*	M20	100ml
COMBI 304	ø 82 x 57	IP66/67	4**	M20	180ml
COMBI 308	85 x 85 x 51	IP66/67	8**	M20	200ml
COMBI 310	117 x 85 x 51	IP66/67	10**	M20	300ml
COMBI 407	95 x 95 x 60	IP66/67	7***	M20/M25	320ml
COMBI 607	110 x 110 x 66	IP66/67	7**	M25	510ml
COMBI 1010	140 x 140 x 82	IP66/67	10****	M20/M25/M32	1 Ltr 10ml
COMBI 1210	160 x 140 x 81	IP66/67	10***	M20/M25	1 Ltr 250ml
COMBI 1610	200 x 160 x 94	IP66/67	10****	M20/M25/M32/M40	2 Ltr 426ml
COMBI 2516	261 x 201 x 124	IP66/67	16****	M20/M25/M32/M40/M50	5,5 l

*Membrane entries / **threaded membrane entries / *** threaded membrane & knockouts / **** knockouts. Please see website for full specification and data.

Other technical data on request / Subject to modifications and amendments

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