

EU-Type Examination Certificate

- [2] EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 2014/34/EU
- [3] EU-Type Examination Certificate Number: Presafe 17 ATEX 11343X Issue 0
- [4] Product: Cable glands for Armoured cables (E1XF & E1WF)
- [5] Manufacturer: OSCG Co. Ltd
- [6] Address: 1242, Nakdong-Daero, Sasang-Gu, Busan, Korea
- [7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV GL Nemko Presafe AS, notified body number 2460, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.
The examination and test results are recorded in confidential reports listed in section 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: EN 60079-0:2012/A11:2013, EN 60079-1:2014, EN 60079-7:2015 and EN 60079-31:2014
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- [11] This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the product shall include the following:



II 2 G Ex db IIC Gb
Ex eb IIC Gb
II 2 D Ex tb IIIC Db

Date of issue: 2017-12-21

Bjørn Spongsveen
For DNV GL Nemko Presafe AS

The Certificate has been digitally signed.
See www.presafe.com/digital_signatures for more info



This certificate may only be reproduced in its entirety and without any change, schedule included.

EU-Type Examination Certificate

[13]

Schedule

[14] EU-TYPE EXAMINATION CERTIFICATE No.: Presafe 17 ATEX 11343X Issue 0

[15] Description of Product

This certificate covers a range of cable glands made of brass or stainless steel, intended for use with circular armoured cables. Clamping inserts allow 360° contact to cable armour.

This certificate replaces two certificate numbers of Nemko 02ATEX500X and Nemko 02ATEX501X for E1XF & E1WF models.

E1XF is intended to be used for braided cables.

E1WF is intended to be used for armoured cables.

Optionally lead sheath washer is provided for the electrical connection to a layer of lead or other metallic sheath.

Type designation:

Type E1XF/E1WF	Entry		Diameter of Inner sheath [mm]		Diameter of outer sheath mm	
	Metric	NPT	Min	Max	Min	Max
16A	M16x1.5	½"	5.0	8.0	8.0	13.0
16B	M20x1.5		7.0	11.0	12.0	15.1
20A	M20x1.5	½" or ¾"	8.0	13.1	13.0	17.5
20B			13.0	15.1	16.0	19.5
25A	M25x1.5	¾" or 1"	13.0	17.5	17.5	22.0
25B			17.0	19.5	21.0	26.0
32A	M32x1.5	1" or 1 ¼"	17.5	22.5	22.0	28.0
32B			22.0	26.0	27.0	32.0
40A	M40x1.5	1 ¼" or 1 ½"	22.0	28.5	30.0	35.0
40B			28.0	32.0	35.1	40.0
50A	M50x1.5	1 ½" or 2"	30.0	35.5	38.0	45.0
50B			35.0	41.5	43.0	50.0
63A	M63x1.5	2" or 2 ½"	38.0	45.5	48.0	53.0
63B			45.0	50.5	51.0	56.0
63C			49.0	53.5	55.0	60.0
75A	M 75x1.5/2	2 ½" or 3"	49.0	56.0	56.0	62.0
75B			55.0	60.0	62.1	66.0
75C			59.0	62.0	66.1	70.0
75D			61.0	66.0	68.0	75.0
90A	M90x1.5/2	3" or 3 ½"	63.0	70.5	74.0	83.0
90B			68.0	77.0	82.0	90.0
100A	M100x1.5/2	3 ½" or 4"	73.1	80.0	89.0	94.0
100B			79.0	85.0	93.0	98.0

Degrees of protection (IP Code):

IP66/67 according to EN 60079-0 & EN 60529

Service Temperature: -60°C to +110°C

[16] **Report No.:** D0001780

[17] **Specific Conditions of Use**

Additional clamping of cable shall be installed to ensure that pulling and twisting is not transmitted to the terminal.

[18] **Essential Health and Safety Requirements**

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9

[19] **Drawings and documents**

Number	Title	Rev.	Date
E1XF	Document List for E1XF Series	0	2017-10-23
E1WF	Document List for E1WF Series	0	2017-10-23

[20] **Certificate History**

Issue	Description	Issue date	Report no.
0	Original issue	2017-10-23	D0001780

END OF CERTIFICATE