

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 11456X Issue 0
- [4] Product: Cable Glands for Armoured Cables (OS-E1UF)
- [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.

[13] Schedule

[14] EU-TYPE EXAMINATION CERTIFICATE No.: Presafe 17 ATEX 11456X Issue 0

[15] Description of Product

This certificate covers a range of cable glands made of brass or stainless steel, intended for use with for circular armoured cables and suitable for certified Ex d /e/tb enclosures. Clamping inserts allows 360° contact to the armour.

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

Type designation:

Type	Entry		Diameter of Inner sheath mm		Diameter of outer sheath mm	
	Metric	NPT	Min	Max	Min	Max
OS-E1UF 16	M16x1.5 M20x1.5	½"	5	11.5	7	16.1
OS-E1UF 20	M20x1.5 M25x1.5	½" or ¾"	7.5	15.2	12	21
OS-E1UF 25	M25x1.5	¾" or 1"	13	19.6	17	26.2
OS-E1UF 32	M32x1.5	1" or 1 ¼"	16.5	26.2	22	34
OS-E1UF 40	M40x1.5	1 ¼" or 1 ½"	23	32.3	30	42
OS-E1UF 50	M50x1.5	1 ½" or 2"	29	41.5	38	53.7
OS-E1UF 63	M63x1.5	2" or 2 ½"	39	50	45	60
OS-E1UF 63X	M63x1.5	2 ½"	46	55	52	66
OS-E1UF 75	M75x1.5/2	2 ½" or 3"	52	61	58	72
OS-E1UF 75X	M75x1.5/2	3"	59	67	66.1	79
OS-E1UF 90	M90x1.5/2	3" or 3 ½"	66	80	72	90
OS-E1UF 100	M100x1.5/2	3 ½" or 4"	76	90.5	84	102
OS-E1UF 115	M115x1.5/2	4"	88	102	100	118

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
OS-E1UF	Document List for OS-E1UF Series	0	2017-10-23

[20] Certificate History

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

END OF CERTIFICATE