



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx PRE 17.0060X

Issue No: 2

Certificate history:

Status: **Current**

[Issue No. 2 \(2018-10-18\)](#)

[Issue No. 1 \(2018-03-16\)](#)

Date of Issue: **2018-10-18**

Page 1 of 4

[Issue No. 0 \(2017-11-14\)](#)

Applicant: **OSCG Co. Ltd**
1242, Nakdong-Daero, Sasang-Gu, Busan
Korea, Republic of

Equipment: **Cable Glands OSER-Z, Single compression with any type of armored cable gland(touch)**

Optional accessory: **OSER-ZWC**

Type of Protection: **Ex e , Ex tb**

Marking:

Ex eb IIC Gb

Ex tb IIIC Db

Approved for issue on behalf of the IECEx
Certification Body:

Bjørn Spongsveen

Position:

Certification Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

DNV GL Nemko Presafe AS
Veritasveien 3
1363 Høvik
Norway





IECEx Certificate of Conformity

Certificate No: IECEx PRE 17.0060X Issue No: 2

Date of Issue: 2018-10-18 Page 2 of 4

Manufacturer: **OSCG Co. Ltd.,**
1242, Nakdong-Daero, Sasang-Gu, Busan
Korea, Republic of

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[NO/PRE/ExTR17.0058/00](#) [NO/PRE/ExTR17.0058/01](#) [NO/PRE/ExTR17.0058/02](#)

Quality Assessment Report:

[NO/NEM/QAR15.0003/01](#)



IECEx Certificate of Conformity

Certificate No: IECEx PRE 17.0060X

Issue No: 2

Date of Issue: 2018-10-18

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

This certificate covers a range of OSER-Z cable glands made of brass or stainless steel, intended for use with circular armoured cables. Cable glands are made with Metric, NPT, PT, PF & PG threads. Gasket is provided at the interface for the sealing between the cable gland and enclosure.

OSER-ZWC is a variant with clamping that guide the cable at the entry point. This additional clamping is only a cable guide.

Refer ANNEX for details on sizes.

SPECIFIC CONDITIONS OF USE: YES as shown below:

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



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Certificate No: IECEx PRE 17.0060X

Issue No: 2

Date of Issue: 2018-10-18

Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

00-Initial Issue

01-Inclusion of new variant OSER-Z 25S

02-Inclusion of new variant OSER-ZWC

Annex:

[Annex to IECEx certificate.pdf](#)

Annex to certificate: IECEx PRE 17.0060X Issue 02

OSER-Z /OSER-ZWC cable gland:

Type	Thread		Diameter of outer cable sheath mm		Degrees of protection (IP Code)	Service Temperature
Type	Metric	NPT	Min	Max	IP66 & IP 68	-60°C to +130°C
OSER-Z 16*	M16x1.5 M20x1.5	1/2" *1.1814	5	11.5	According to IEC 60079-0 & IEC 60529	
OSER-Z 20	M20x1.5 M25x1.5	1/2" *1.1814 3/4" *1.1814	9	16		
OSER-Z 25S	M20x1.5	1/2" *1.1814	13	17.5		
OSER-Z 25	M25x1.5	3/4"*1.814 1" * 2.208	14	20		
OSER-Z 32	M32x1.5	1" * 2.208 1 1/4"*2.208	20	26		
OSER-Z 40	M40x1.5	1 1/4"*2.208 1 1/2" *2.208	25	34		
OSER-Z 50	M50x1.5	1 1/2" *2.208 2*2.208	33	42		
OSER-Z 63	M63x1.5	2*2.208 2 1/2"*3.175	42	52		

*- OSER-ZWC will exclude will the size.