



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 ITS 16.0019X

Issue No: 1

Certificate history:

Issue No. 1 (2017-10-26)

Issue No. 0 (2016-05-19)

Status: **Current**

Page 1 of 4

Date of Issue: **2017-10-26**

Applicant: **Scancon Encoders A/S**
Huginsvej 8
3400 Hilleroed
Denmark

Equipment: **Type 07, Type 09, Type 10, Type 12 and Type 14 Cable Glands**

Optional accessory:

Type of Protection: **Flameproof, Increased safety and Dust by enclosure**

Marking:

Ex db eb I Mb

Ex db eb IIC Gb

Ex tb III C Db

Service temperature range :-40°C to +100°C

*Approved for issue on behalf of the IECEx
Certification Body:*

P Moss

Position:

Certification Officer

*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](http://www.iecex.com).

Certificate issued by:

Intertek Testing & Certification Limited
ITS House, Cleeve Road,
Leatherhead,
Surrey, KT22 7SB
United Kingdom





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Page 2 of 4

Manufacturer: **Scancon Encoders A/S**
Huginsvej 8
3400 Hilleroed
Denmark

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 electrical 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 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31 : 2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

*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:

[GB/ITS/ExTR16.0021/00](#) [GB/ITS/ExTR16.0021/01](#)

Quality Assessment Report:

[GB/EXV/QAR17.0015/00](#)



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Certificate No: IECEx ITS 16.0019X

Issue No: 1

Date of Issue: 2017-10-26

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

A range of compression style glands manufactured from stainless steel available with either M20x1.5 or M25x1.5 thread forms. Glands are for use with circular non-armored plastic and elastomer insulated cables. Five different sealing ring sizes are permitted to accommodate the appropriate sized cable, refer to table 1 in the manual.

Cable glands have an IP66 rating in accordance with IEC 60079-0. Additionally IP68 for 1 hour at 10 meters in accordance with IEC 60529.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- For use in a service temperature range of -40°C to +100°C.
- Cables shall be suitably clamped to prevent pulling or twisting.
- The interface between the sealing ring and the enclosure wall shall be parallel and smooth to ensure the IP rating of the enclosure is maintained.



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Certificate No: IECEX ITS 16.0019X

Issue No: 1

Date of Issue: 2017-10-26

Page 4 of 4

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

Issue 1:

1. Change of QAR from DE/TUN/QAR12.0002/02 to GB/EXV/QAR17.0015/00.
2. Update of drawings to remove reference to QAN number.

Annex:

[Annex to IECEX ITS 16.0019X Issue 1.pdf](#)

Schedule of Drawings for Certificate: IECEx ITS 16.0019X Issue 1

Manufacturer:
Scancon Encoders A/S
Huginsvej 8
3400 Hilleroed
Denmark

Title:	Drawing No.:	Rev. Level:	Date:
*Ex Cable gland M25x1,5 Type 14A SA Ex dwg	80230177	3	16-10-2017
*Ex Cable gland M25x1,5 Type 14B Ex dwg	80230181	3	16-10-2017
*Ex Cable gland M25x1,5 Type 14C Ex dwg	80230178	3	16-10-2017
*Ex Cable gland M20x1,5 Type 12A Ex dwg	80230183	3	16-10-2017
*Ex Cable gland M20x1,5 Type 12B Ex dwg	80230377	3	16-10-2017
*Ex Cable gland M20x1,5 Type 12C Ex dwg	80230185	3	16-10-2017
*Ex Cable gland M20x1,5 Type 10A Ex dwg	80230189	3	16-10-2017
*Ex Cable gland M20x1,5 Type 10B Ex dwg	80230378	3	16-10-2017
*Ex Cable gland M20x1,5 Type 09A Ex dwg	80230193	3	16-10-2017
*Ex Cable gland M20x1,5 Type 09B Ex dwg	80230380	3	16-10-2017
*Ex Cable gland M20x1,5 Type 07A Ex dwg	80230198	3	16-10-2017
*Ex Cable gland M20x1,5 Type 07B Ex dwg	80230381	3	16-10-2017
*Cable Gland Installation Guide	00240389	3	16 Oct. 2017
*Certification drawing – Cable gland Ex dwg	80230383C	2	16-10-2017

*Note: An * is included before the title of documents that are new or revised.*

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