

EU-Type Examination Certificate



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- EU-TYPE EXAMINATION CERTIFICATE**
- Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU**
- EU-Type Examination Certificate Number: ITS16ATEX18432X Issue 02**
- Product:** Type 07, Type 09, Type 10, Type 12 and Type 14 Cable Glands
- Manufacturer:** Scancon Encoders A/S
- Address:** Huginsvej 8, DK-3400, Hilleroed, Denmark
- This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- Intertek Testing and Certification Limited, Notified Body number 0359 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the 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 Intertek Report 103250709CHE-001 dated October 2017.
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0:2012+A11:2013, EN 60079-1:2014 and EN 60079-31:2014 except in respect of those requirements referred to at item 16 of the Schedule.
- If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Safe Use specified in the Schedule to this certificate.
- 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.
- The marking of the product shall include the following:



I M2 Ex db eb I Mb
II 2 G Ex db eb IIC Gb
II 2 D Ex tb IIIC Db
Service temperature range: -40°C to +100°C

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P Moss
Certification Officer
26th October 2017



SCHEDULE

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13. Description of Equipment or Protective System

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.

14. Report Number

Intertek Report 103250709CHE-001 dated October 2017.

15. Special Conditions of Certification

(a). Specific Conditions of Safe Use

- 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.

(b). Conditions of Manufacture - Routine Tests

- None.

16. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report 103250709CHE-001 dated October 2017.

17. Drawings and Documents

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

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*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.*

18. Details of Certificate changes

Issue/Variation No	Date	Details of change
Original Issue	19 April 2016	Original Issue. Intertek Report 102369193CHE-002 dated April 2016.
Issue 01	19 April 2016	Re-issued due to incorrect coding (T5 removed).
Issue 02	This issue	Drawings updated to remove reference to QAN. Intertek Report 103250709CHE-001 dated October 2017.

This Certificate is the property of Intertek Testing and Certification Ltd and is subject to Intertek Testing and Certification's Conditions for Granting Certification

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.