

EU TYPE-EXAMINATION CERTIFICATE

1. EU type-examination Certificate (Module B)
2. Equipment or Protective System intended for use in potentially explosive atmospheres (Directive 2014/34/EU)



3. EU type examination certificate Nr **ITS 16 ATEX 18432X**

4. **Product:** Type 07, Type 09, Type 10, Type 12 and Type 14 Cable Glands

5. **Manufacturer:** Scancon Encoders A/S **Applicant:** Scancon Encoders A/S

6. **Address:** Huginsvej 8, DK-3400, Hilleroed, Denmark **Address:** Huginsvej 8, DK-3400, Hilleroed, Denmark

7. This product and any acceptable variation thereto are specified in the schedule to this certificate and therein referred to.
8. INTERTEK ITALIA S.p.A., Notified Body n° 2575 in accordance with article 17 of the Directive 2014/34/EU of the European Parliament and Council of the 26 February 2014, certifies that the equipment or protective system has been found to comply with the essential Health and Safety Requirements relating to the design and construction of equipment and protective system intended for use in potentially explosive atmosphere, given in Annex II of the Directive.

The examination and tests results are recorded in confidential technical evaluation Intertek Reports: 102369193CHE-002 dated April 2016 and 103250709CHE-001 dated October 2017.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards 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.
10. If the sign X is placed after the certificate number, it indicates that the product is subject to Special Conditions for Safe 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:



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

13th December 2019
Certificate issue date



Fabrizio Massei
Certification Officer
Intertek Italia S.p.A. (NB 2575)



PDR N° 277B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

This certificate has been issued by Intertek Italia S.p.A. NB 2575 on transfer from Intertek Testing & Certification Ltd. (NB 0359) using the same issued original certificate number.



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.

Intertek Italia S.p.A. Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milano - Italy



SCHEDULE

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13. DESCRIPTION OF THE 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.

CE Marking shall be accompanied by the identification number of the Notified Body responsible for surveillance of production.

14. DRAWINGS AND DOCUMENTS

| TITLE | DOCUMENT Nr | 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 |

Copies of the above listed documents are kept at Intertek Italia S.p.A. archive.



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15. SPECIAL CONDITIONS FOR 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.

16. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The relevant essential Health and Safety Requirements have been identified and assessed in Intertek Reports: 102369193CHE-002 dated April 2016 and 103250709CHE-001 dated October 2017.

17. ROUTINE (FACTORY) TESTS

None

18. DETAIL OF CERTIFICATE CHANGES

None