

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 14 ATEX 18058X**
4. **Product:** Blind Plugs (blanking elements) M20 and M25
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: 101647494MAN-001b dated August 2014, 10193670MAN-001 dated March 2015, and 103250700CHE-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 I Mb
II 2 G Ex db IIC Gb
II 2 D Ex tb IIIC Db

12th 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

The Scancon Blind Plugs are blanking elements available in thread sizes M20 x 1.5, and M25 x 1.5, and manufactured from stainless steel. They are to be fully tightened into threaded holes on thick-walled flameproof and dust protected enclosures to form a threaded joint such that minimum thread engagement requirements are met.

The operating temperature range is -60°C to +120°C.

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
Blind Plug M20x1,5 SA Type 20 Ex-dwg	00130774	14	09-10-2017
Blind Plug M25x1,5 SA Type 25 Ex-dwg	00132689	8	09-10-2017
Blind Plug Installation Guide	00143057	7	09 Oct. 2017

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

15. SPECIAL CONDITIONS FOR SAFE USE

- The operating temperature range is -60°C to +120°C. The temperature locally and internally to the blind plugs when fitted into an enclosure must be taken into account, in addition to the external ambient temperature range.
- When fitted to a non-metallic/non-conductive enclosure conformity with clause 7.5 of IEC 60079-0:2011 (Accessible metal parts) must be confirmed.
- When used in flameproof (Ex d) applications, the wall of the flameproof enclosure into which it is fitted shall be such as to maintain at least 5.34 full threads or 8mm of engagement.
- Blanking elements must not be used with a thread adaptor.

16. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The relevant essential Health and Safety Requirements have been identified and assessed in Intertek Reports: 101647494MAN-001 dated August 2014, 10193670MAN-001 dated March 2015, and 103250700CHE-001 dated October 2017.

17. ROUTINE (FACTORY) TESTS

None

18. DETAIL OF CERTIFICATE CHANGES

None