

# 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 **ITS14ATEX18058X R.1**

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

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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, 101936470MAN-001 dated March 2015, 103250700CHE-001 dated October 2017 and 104538993CHE-001 dated 19 January 2021.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN IEC 60079-0:2018, 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

Certificate issue date

11 March 2021



**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 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
*Certification drawing – Blind Plugs Ex-dwg	00130774C	1	22-12-2020
*Blind Plug Installation Guide (2 pages)	00143057	8	22 Dec. 2020

Note: An \* is included before the title of documents that are new or revised.  
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 EN 60079-0:2018 or IEC 60079-0:2017 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 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 Report 101647494MAN-001b dated August 2014, 101936470MAN-001 dated March 2015, 103250700CHE-001 dated October 2017 and 104538993CHE-001 dated 19 January 2021.

### 17. ROUTINE (FACTORY) TESTS

None.



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### 18. DETAIL OF CERTIFICATE CHANGES

#### **11 March 2021 (R.1):**

- Update from EN 60079-0:2012+A11:2013 to EN IEC 60079-0:2018.
- Consolidation of certification drawings.