



## Declaration of Conformity

The manufacturer hereby declares that the following product is according to requirements of the EEC directive 2004/108/EC regarding EMC, and Annex II of the directive 2014/34/EU regarding ATEX

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


**Product:** Shaft and hollow-shaft incremental (optic & magnetic), fiber optic encoders intended for use in potentially explosive atmospheres

**Model(s):** SCA86EX (Shaft encoders)  
SCH86BEX, SCH86FEX (hollow shaft encoders)  
(All types with removable end caps or with fixed cable).

**ATEX Marking:**  II 2 G Ex db IIC T5 Gb  
II 2 D Ex tb IIIC T100°C Db  
-40°C<Tamb<+70°C <sup>NOTE 2</sup>

**ATEX Certificate number:** ITS09ATEX16841X

**Issued by:** Intertek Italia S.p.A.  
Via Miglioli, 2/A – 20063 Cernusco sul Naviglio,  
Milano - Italy  
Notified Body number: 2575  
(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).

**CE Marking:**  The CE-mark on the label is according to the EEC Directive 2004/108/EC regarding EMC and Annex II of the directive 2014/34/EU regarding ATEX.

**A sample of this product has been tested and found to be in conformity with the following standards:**

### EMC

- EN 61000-6-2:2005 EMC - Part 6-2: Generic standards - Immunity for industrial environments
- EN 61000-6-3:2007 EMC - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments
- EN 61326-1:2006 EMC - Electrical equipment for measurement, control and laboratory use - Part 1: General requirements

### ATEX

- EN 60079-0:2018 Explosive atmospheres - Part 0: Equipment - General requirements
- EN 60079-1:2014 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
- EN 60079-31:2014 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

19 May 2020

Date

Eckhard Hahne, Scancon Encoders A/S, Managing Director