





## Declaration of Conformity

The manufacturer hereby declares that the following product is according to requirements of the EMC Directive 2014/30/EU 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 absolute encoder intended for use in potentially explosive atmospheres
- Model(s):** SCA108EX (Shaft encoders)  
SCH108BEX, SCH108FEX (hollow shaft encoders).
- ATEX Marking:**  II 2 G / II 2 D  
Ex db IIB+H2 T5 Gb / Ex tb IIIC T100°C Db  
-40°C<Tamb<+70°C  
9-30 Vdc; max 3000 rpm
- ATEX Certificate number:** CML15ATEX1142X
- Issued by:** Certification Management Limited,  
Unit 1 Newport Business Park, New Port Road,  
Ellesmere Port CH65 4LZ, UK,  
Notified Body Number 2503
- CE Marking:**  The CE-mark on the label is according to the EMC Directive 2014/30/EU 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 61326-1:2013 EMC - Electrical equipment for measurement, control and laboratory use - Part 1: General requirements

### ATEX

- EN 60079-0:2012+A11:2013 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"

30 November 2021

Date

Eckhard Hahne, Scancon Encoders A/S, Managing Director