




## 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 incremental and absolute encoders intended for use in potentially explosive atmospheres

**Model(s):** 2QEX (Shaft encoders)


**ATEX Marking:**  II 3 G Ex nA IIC T4 Gc  
II 3 D Ex tc IIIC Tmax.100°C Dc  
-40°C<Tamb<+70°C\*  
\*upper ambient of encoders fitted with Rota connector restricted to a maximum of +60°C.

**ATEX Certificate number:** ITS08ATEX42972X

**IECEx Marking:** Ex nA IIC T4 Gc  
Ex tc IIIC Tmax.100°C Dc  
-40°C<Tamb<+70°C\*  
\*\*upper ambient of encoders fitted with Rota connector restricted to a maximum of +60°C.

**IECEx Certificate number:** IECEx ITS 15.0035X

**Issued by:** Intertek Testing & Certification Ltd  
Intertek House, Cleeve Road  
Leatherhead, Surrey KT22 7SB  
Country : United Kingdom Notified  
Notified Body number : 0359

**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 60079-15:2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"  
EN 60079-31:2014 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

### IECEx

IEC 60079-0:2017 Explosive atmospheres - Part 0: General requirements  
Edition: 7.0  
IEC 60079-15:2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"  
Edition: 4.0  
EN 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition: 2.

18 October 2018

Date

Eckhard Hahne, Scancon Encoders A/S, Managing Director