





## 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

<b>Manufactured by:</b>	Scancon Encoders A/S Huginsvej 8 3400 Hillerød Denmark
<b>Product:</b>	Shaft and hollow-shaft incremental, fiber optic encoders intended for use in potentially explosive atmospheres
<b>Model(s):</b>	SCA86XM (Shaft encoders) SCH86BXM, SCH86FXM (hollow shaft encoders).
<b>ATEX Marking:</b>	 I M2 Ex db I Mb II 2 G Ex db IIC T5 Gb II 2 D Ex tb IIIC T100°C Db -40°C<Tamb<+70°C
<b>ATEX Certificate number:</b>	ITS09ATEX16850X
<b>IECEx Marking</b>	Ex db I Mb Ex db IIC T5 Gb Ex tb IIIC T100°C Db -40°C<Tamb<+70°C
<b>IECEx Certificate number:</b>	IECEx ITS 13.0024X
<b>Issued by:</b>	Intertek Testing & Certification Ltd Intertek House, Cleeve Road Leatherhead, Surrey KT22 7SB Country : United Kingdom Notified Notified Body number : 0359
<b>CE Marking:</b>	 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

EN61000-6-2:2005	EMC - Part 6-2: Generic standards - Immunity for industrial environments
EN61000-6-3:2007	EMC - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments
EN61326-1:2006	EMC - Electrical equipment for measurement, control and laboratory use - Part 1: General requirements

### ATEX

EN60079-0:2012 +A11:2013	Explosive atmospheres - Part 0: Equipment - General requirements
EN60079-1:2014	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
EN60079-31:2014	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

### IECEx

IEC60079-0:2011 Ed. 6.0	Explosive atmospheres - Part 0: General requirements
IEC60079-1:2014-06 Ed. 7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC60079-31:2013 Ed. 2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure 't'



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05 October 2017

Date

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