





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 Hillerød Denmark
Product:	Shaft and hollow-shaft incremental, fiber optic encoders intended for use in potentially explosive atmospheres
Model(s):	SCA86EX (Shaft encoders) SCH86BEX, SCH86FEX (hollow shaft encoders).
ATEX Marking:	 II 2 G Ex db IIC T5 Gb II 2 D Ex tb IIIC T100°C Db -40°C<Tamb<+70°C
ATEX Certificate number:	ITS09ATEX16841X
IECEx Marking	Ex db IIC T5 Gb Ex tb IIIC T100°C Db -40°C<Tamb<+70°C
IECEx Certificate number:	IECEx ITS 13.0025X
Issued by:	Intertek Testing & Certification Ltd Intertek House, Cleeve Road Leatherhead, Surrey KT22 7SB Country : United Kingdom Notified Notified Body number : 0359
QPS Marking:	Class I, Div 2, Groups ABCD T5 Class II, Div 2, Groups FG Ex db IIC T5 Gb (Canada) Class I, Zone 1, AEx db IIC T5 Gb (US) -40°C<Tamb<+70°C
QPS Certificate number:	LR1192
Issued by:	QPS Evaluation Services Inc Testing, Certification and Field Evaluation Body Accredited in Canada, the USA, and Internationally 81 Kelfield St., Units 7-9, Toronto, ON M9W 5A3
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 60079-0:2012 +A11:2013	Explosive atmospheres - Part 0: Equipment - General requirements
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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"

IECEX

IEC 60079-0:2011
Ed. 6.0 Explosive atmospheres - Part 0: General requirements
IEC 60079-1:2007-06
Ed. 7.0 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31:2013
Ed. 2 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure 't'

QPS

- CSA C22.2 No.25-1966(R2004) Enclosures for Use in Class II Groups E, F, and G Hazardous Locations
- CSA C22.2 No.213-2016 Non-incentive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
- CSA 60079-0:2015 Explosive Atmospheres – Part 0: Equipment General Requirements
- CSA 60079-1:2016 Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures "d"
- ANSI/ISA-12.12.01-2015 Non-incendive Electrical Equipment for Use in Class I and II, Division 2
- ISA/ANSI 60079-0-2009 Explosive Atmospheres – Part 0: Equipment General Requirements
- ISA/ANSI 60079-1-2015 Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures "d"

05 October 2017

Date

Eckhard Hahne, Scancon Encoders A/S, Managing Director