





## 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 Tranevang 1 3450 Allerød Denmark
<b>Manufacture new address:</b>	Scancon Encoders A/S ( <i>pending</i> ) Huginsvej 8 3400 Hilleroed Denmark
<b>Product:</b>	Shaft and hollow-shaft incremental encoders intended for use in potentially explosive atmospheres
<b>Model(s):</b>	SCA24EX (Shaft encoders) SCH24EX (hollow shaft encoders).
<b>ATEX Marking:</b>	 II 2 GD Ex db IIC T5 Gb Ex tb IIIC T100°C Db -40°C<Tamb<+70°C
<b>ATEX Certificate number:</b>	TÜV 11 ATEX 091676X
<b>IECEX Marking</b>	Ex db IIC T5 Gb Ex tb IIIC T100°C Db -40°C<Tamb<+70°C
<b>IECEX Certificate number:</b>	IECEX ITS 12.0005X
<b>Issued by:</b>	<b>TÜV NORD CERT GmbH</b> <b>Hanover Office</b> <b>Am TÜV 1</b> <b>30519 Hannover, Germany</b> Notified Body number : 0044
<b>QPS Marking:</b>	Class I, Div 2, Groups ABCD T5 Class II, Div 1, Groups EFG Ex d IIC T5 Gb (Canada) Class I, Zone 1, AEx d IIC T5 Gb (US)
<b>QPS Certificate number:</b>	LR1192
<b>Issued by:</b>	<b>QPS Evaluation Services Inc Testing, Certification and Field Evaluation Body Accredited in Canada, the USA, and Internationally</b> <b>81 Kelfield St., Units 7-9,</b> <b>Toronto, ON M9W 5A3</b>
<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

EN 60079-0:2012	Explosive atmospheres - Part 0: Equipment - General requirements
+A11:2013	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
EN 60079-1:2007	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"



EN 60079-31:2009 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

**IECEX**

IEC 60079-0:2004 Explosive atmospheres - Part 0: General requirements

Edition: 4.0

IEC 60079-0:2007-10 Explosive atmospheres - Part 0: General requirements

Edition: 5.0

IEC 60079-1:2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

Edition: 6.0

IEC60079-31:2008 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

Edition: 1.0

**QPS**

- CSA C22.2 No.142-1987 (R2009) Process Control Equipment Industrial Products

- CSA C22.2 No.25-1966(R2004) Enclosures for Use in Class II Groups E, F, and G Hazardous Locations

- CSA C22.2 No.213-1987 (R2008) Non-incentive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

- CSA 60079-0:11 Explosive Atmospheres – Part 0: Equipment General Requirements

- CSA 60079-1:11 Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures "d"

- ANSI/ISA-12.12.01-2011 Nonincendive Electrical Equipment for Use in Class I and II, Division 2

- UL1203 4th Ed:2009 Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations  
[for Class II, Div 1 only]

- UL 508 17th Ed. Industrial Control Equipment

- UL 60079-0-2009 Explosive Atmospheres – Part 0: Equipment General Requirements

- UL 60079-1-2009 Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures "d"

03 February 2017

Date

Eckhard Hahne, Scancon Encoders A/S, Managing Director