



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
Tranevang 1
3450 Allerød
Denmark

Manufacture new address: Scancon Encoders A/S (*pending*)
Huginsvej 8
3400 Hillerød
Denmark

Product: Shaft and hollow-shaft incremental encoders intended for use in potentially explosive atmospheres

Model(s): 2REXI-A (shaft encoders)
2REXI-H (hollow shaft encoders).


ATEX Marking:  II 2 GD Ex db IIB T5 Gb
Ex tb IIIB T100°C Db
-40°C<Tamb<+70°C

ATEX Certificate number: TÜV 10 ATEX 556306X

IECEX Marking Ex db IIB T5 Gb
Ex tb IIIB T100°C Db
-40°C<Tamb<+70°C

IECEX Certificate number: IECEX TUN 10.0011X

Issued by: **TÜV NORD CERT GmbH**
Hanover Office
Am TÜV 1
30519 Hannover, Germany
Notified Body number: 0044

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

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 60079-0:2009 Explosive atmospheres - Part 0: Equipment - General requirements
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 60079-0:2007-10 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
IEC 60079-31:2008 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition: 1.0

11 October 2016

Date

Eckhard Hahne, Scancon Encoders A/S, Managing Director