



Declaration of Conformity

The manufacturer hereby declares that the following product is according to requirements of the EMC Directive 2014/30/EU and Annex II of the directive 2014/34/EU regarding ATEX

Manufactured by: Scancon Encoders A/S
Huginsvej 8
3400 Hilleroed
Denmark


Product: Shaft and hollow-shaft incremental (optic & magnetic), fiber optic encoders intended for use in potentially explosive atmospheres

Model(s): SCA86EX (Shaft encoders)
SCH86BEX, SCH86FEX (hollow shaft encoders)
(All types with removable end caps or with fixed cable).

ATEX Marking:  II 2 G Ex db IIC T5 Gb
II 2 D Ex tb IIIC T100°C Db
-40°C<Tamb<+70°C ^{NOTE 2}

ATEX Certificate number: ITS09ATEX16841X

Issued by: Intertek Italia S.p.A.
Via Miglioli, 2/A – 20063 Cernusco sul Naviglio,
Milano - Italy
Notified Body number: 2575
(This certificate has been issued by Intertek Italia S.p.A. NB 2575 on transfer from Intertek Testing & Certification Ltd. (NB 0359) using the same issued original certificate number).

CE Marking:  The CE-mark on the label is according to the EMC Directive 2014/30/EU 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 61326-1:2013 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 60079-1:2014 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"

30 November 2021

Date

Eckhard Hahne, Scancon Encoders A/S, Managing Director