Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer.

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):

SCA86XM (Shaft encoders)
SCH86BXM, SCH86FXM (hollow shaft encoders).
(All types with removable end caps or with fixed cable).

ATEX Marking:

I M2 Ex db I Mb
-40°C<Tamb<+70°C

ATEX Certificate number: ITS09ATEX16850X

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:

CE   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

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
EN61326-1:2013   EMC - Electrical equipment for measurement, control and laboratory use - Part 1: General requirements

ATEX

EN IEC 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"

25 April 2023
Date

Eckhard Hahne, Scancon Encoders A/S, Managing Director