



UK Declaration of conformity

This declaration is issued under the sole responsibility of the manufacturer and declares that the following product is according to the requirements of the Electromagnetic Compatibility Regulations 2016 and Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107.

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


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

Model(s): 2REX (Shaft and hollow shaft encoders)

UKEX Marking:  II 2 G Ex db IIC T5 Gb
II 2 D Ex tb IIIC T100°C Db
-40°C<Tamb<+70°C

UKEX Certificate number: ITS21UKEX0407X

Issued by: Intertek Testing & Certification Ltd
Cleeve Road, Leatherhead, Surrey KT22 7SA
Country : United Kingdom
Approved Body number : 0359

CE Marking  Electromagnetic Compatibility Regulations 2016 and Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016.

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

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"

14 March 2025

Date

Eckhard Hahne, Scancon Encoders A/S, Managing Director