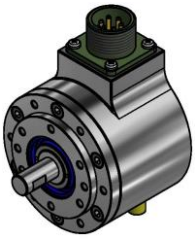
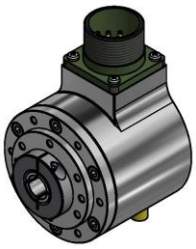
Type 2CEX
Installation Guide



2CEX-A



2CEX-H

Installation guide

This Installation Guide is valid only for encoder types 2CEX.

For your safety please read this guide carefully.

Failure to follow the instructions in this guide will render **ALL** certifications **INVALID**.

Installation of the encoder must be completed by a skilled technician or engineer. Failure to comply with the instructions below will render all certifications **INVALID**. **The encoder may <u>not</u> be modified by the customer**.

1. Insure that power is off.
2. Connect to earth prior to proceeding. Observe precautions for handling **ESD** (**E**lectro**S**tatic **D**ischarge) sensitive devices.
3. The protective caps must be fitted immediately following separation of the plug and socket.
4. Precautions must be taken to avoid dust from forming layers on the encoder.
5. It is strongly recommended that the original packaging be used for any additional shipping or transport.

Caution

- **DO NOT connect encoder when power is on.**
- **DO NOT separate when energized. (for versions with connector)**
- **DO NOT connect output wires to supply voltage.**
- **DO NOT strike encoder with hammer or any other heavy object.**
- **If encoder is mounted to electrical machinery with high current or high voltage on the shaft, precautions must be taken for galvanic separation.**
- **Maintenance is not necessary. Any required maintenance or repair is to be done <u>only</u> by the manufacturer.**
- **To minimize the risk from electrostatic discharge - clean only with a damp cloth.**

Marking:

CE xxxx[1] Ex

II 3 G Ex nA IIC T4 Gc
II 3 D Ex tb IIIC Tmax100°C Dc
Ambient temperature range: – 40°C to +70°C
Ambient temperature range: – 40°C to +xx°C (for encoders with connectors other than MIL upper ambient temperature can vary but must not exceed +70°C).

[1]) It is place for the specific number for the QAN issuer

Certification numbers:

ITS09ATEX46134 X

See certifications at www.scancon.dk

The encoder complies with the following standards:

EN 60079-0:2018	Explosive atmospheres - Part 0: Equipment – General requirements
EN 60079-15:2010	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
EN 60079-31:2014	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t".

NOTE: Adding/removing data or changing the layout of this document, which does not conflict with the actual data and QPS, ATEX/IECEx certification, does not need to be notified by Certification Body, as well as the new revision number following the changes.