




Declaration of Conformity

The manufacturer hereby declares that the following product is according to requirements of the EMC Directive 2014/30/EU.

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

Product: Shaft incremental encoders

Model(s): SCA115 (Shaft encoders).
Models with special output "T" and "S"

CE Marking:  The CE-mark on the label is according to the **EMC Directive 2014/30/EU**.

A sample of this product has been tested and found to be in conformity with the following standards:

EN61000-6-2:2005 Generic standards - Immunity for industrial environments
EN61000-6-3:2007 Generic standards – Emission standard for equipment in residential environments
EN61326-1:2013 Electrical equipment for measurement, control and laboratory use. EMC requirements.
General requirements

Additional tested according to the following specification.

EN61000-4-4 Electrical fast transient/burst immunity test.
- Signal lines +/- 2KV
- DC lines +/- 4 KV

EN61000-4-5 Surge immunity test
- DC powerports +/- 0,5KV line to earth (12 Ω/9uF)
- DC powerports +/- 0,5KV line to line (2 Ω/18uF)

EN61000-4-9 Pulse magnetic field immunity test
- 1000A/m 8/20µs

EN61000-4-10 Damped oscillatory magnetic field immunity test
- 100A/m 0,1/1 MHz

EN61000-4-29 Immunity test on voltage dips, short circuit and voltage variations on DC power port.
- 0 % nominal Vin for 3ms
- 75 % nominal Vin for 10 sec.
- 120% nominal Vin for 10 sec.

30 November 2021

Date

Eckhard Hahne, Scancon Encoders A/S, Managing Director