




## 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 and Hollow-shaft incremental encoders

**Model(s):** SCA94 (Shaft encoders).  
SCH94, GOV94 (Hollow 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
EN 61000-6-3:2007	Generic standards – Emission standard for equipment in residential environments
EN 61326-1:2013	Electrical equipment for measurement, control and laboratory use. EMC requirements. General requirements

	<b>Additional tested according to the following specification.</b>
EN61000-4-4	Electrical fast transient/burst immunity test. <ul style="list-style-type: none"><li>- Signal lines +/- 2KV</li><li>- DC lines +/- 4 KV</li></ul>
EN61000-4-5	Surge immunity test <ul style="list-style-type: none"><li>- DC powerports +/- 0,5KV line to earth (12 <math>\Omega</math>/9uF)</li><li>- DC powerports +/- 0,5KV line to line (2 <math>\Omega</math>/18uF)</li></ul>
EN61000-4-9	Pulse magnetic field immunity test <ul style="list-style-type: none"><li>- 1000A/m 8/20<math>\mu</math>s</li></ul>
EN61000-4-10	Damped oscillatory magnetic field immunity test <ul style="list-style-type: none"><li>- 100A/m 0,1/1 MHz</li></ul>
EN61000-4-29	Immunity test on voltage dips, short circuit and voltage variations on DC power port. <ul style="list-style-type: none"><li>- 0 % nominal <math>V_{in}</math> for 3ms</li><li>- 75 % nominal <math>V_{in}</math> for 10 sec.</li><li>- 120% nominal <math>V_{in}</math> for 10 sec.</li></ul>

30 November 2021

Date

Eckhard Hahne, Scancon Encoders A/S, Managing Director