



# Certificate of Conformity

The consignee hereby declares that the following product is according to requirements of the EEC directive 2004/108/EF regarding EMC

## Identification:

**Product:** Shaft and hollowshaft incremental encoders  
**Produced by:** Scandinavian Construction Comp. A/S, Denmark  
**Model(s):** SCA115 (Shaft encoders).  
Models with special output "T" and "S"  
**Name of consignee:** Scandinavian Construction Comp. A/S  
Tranevang 1  
DK - 3450 Allerød

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

EN61000-6-2:2005 Immunity for industrial environments  
EN61000-6-3:2007 Emission for residential, commercial and light-industrial  
EN61326:2006 Electrical equipment for measurement, control and laboratory use  
**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  $\Omega$ /9uF)  
- DC powerports +/- 0,5KV line to line (2  $\Omega$ /18uF)  
EN61000-4-9 Pulse magnetic field immunity test  
- 1000A/m 8/20 $\mu$ s  
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  $V_{in}$  for 3ms  
- 75 % nominal  $V_{in}$  for 10 sec.  
- 120% nominal  $V_{in}$  for 10 sec.

The CE-mark on the label is only according to the EEC Directive 2004/108/EF regarding EMC.

28. Februar 2011

Date

Eckhard Hahne, Scandinavian Construction Comp. A/S, managing director