

CERTIFICATE OF COMPLIANCE (ISO TYPE 3 CERTIFICATION SYSTEM)

Issued to	Scancon Encoders A/S
Address	Huginsvej 8 3400 Hilleroed Denmark
Project Number	LR1192-6R1
Product	Shaft and Hollow-Shaft Absolute Encoder
Model Number	SCH88BEX, SCH88FEX & SCA88EX
Electrical Ratings	9-30Vdc; 100 mA; Class 2; Power Consumption < 1.2W; Max 3000 rpm
Markings	Class I, Division 1, Groups CD T5 Class I, Division 2, Groups BCD T5 Class II, Division 1, Groups EFG Class II, Division 2, Groups FG Ex db IIC T5 Gb Ex tb IIIC T100°C Db Class I Zone 1, AEx db IIC T5 Gb Zone 21, AEx tb IIIC T100°C Db Tamb = -40°C to +70°C
Applicable Standards	CSA C22.2 No. 60079-0:2019; UL 60079-0 Edition 6.0; CAN/CSA C22.2 No. 60079-1:2016; UL 60079-1 Edition 7.0; CAN/CSA C22.2 No. 60079-31:2015; UL 60079-31 Edition 2.0; CSA C22.2 No. 30-M1986; UL 1203 Edition 5.0 CSA C22.2 No. 213-2017; UL 121201 Edition 9.0 CSA C22.2 No. 25-2017;
Factory/Manufacturing Location	Same as Applicant
Conditions of Certification	<ul style="list-style-type: none"> The product certified and labelled has been altered to include the required modifications outlined in report LR1192-6R1. The approved construction of the product is as described in report LR1192-6R1. Certification is voided if the product has been <u>modified</u> or <u>changed</u> by the manufacturer or end user after labeling, unless the changes have been <u>reviewed and approved in writing by QPS</u> Verbal approval is <u>not</u> permitted. Certification covers only safety from electric shock and fire/explosion hazards, and apply only to the construction elements described in report LR1192-6R1. QPS did not evaluate the suitability of the use of equipment involving toxic or corrosive gases; steam locations defined as hazardous locations by the Canadian Electrical Code or the National Electrical Code.

File
LR1192

- Equipment must be powered by an approved Class 2 power supply

Statement of Compliance: The product(s)/equipment identified in this Certificate and described in the Certification Report covered under the above referenced project number have been investigated and found to be in compliance with the relevant requirements of the above referenced standard(s). As such, they are eligible to bear the QPS Certification Mark shown below, in accordance with the provisions of QPS's Service Agreement.

IMPORTANT NOTE: In order to maintain the integrity of the QPS Mark(s), certification will be revoked if:

- (1) Compliance to the above-mentioned Standard(s), or those identified in future QPS Standard Update Notice – SUN (QSD 55) is not maintained, or,
- (2) If the product/equipment is modified after certification is granted without prior written consent by QPS



Issued By: D. Adams, P.Eng.

Signature: 

Date: January 22, 2025