

File
ML3880

CERTIFICATE OF COMPLIANCE

(ISO TYPE 3 CERTIFICATION SYSTEM)
CERTIFICATION

Issued to	Endress+Hauser SICK GmbH+Co. KG
Address	Bergener Ring 27, 01458 Ottendorf-Okrilla, Germany
Project Number	ML3880-1
Product	Gas Chromatograph
Model Number	ENERSIC*** (***:any number up to 3 digits is possible)
Trademark	Endress+Hauser
Ratings/Markings	20-28 VDC, 75W max Class I, Div.1, Groups B,C,D, T4 Ta: -20°C ≤ Ta ≤ +55°C Type 4X* (Refer to Annex A - Conditions of Certification)
Applicable Standards	CSA C22.2 No.30:20 UL1203 6th Edition

Statement of Compliance: The product(s) identified in this Certificate and described in the 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.



Issued by: Alfoso Mattucci - QPS Quality Assurance

Signature: *Alfoso Mattucci*

Date: 2026-08-13

Annex A – Conditions of Certification:

1. Certification covers only safety from electric shock and fire/explosion hazards and applies only to the construction elements described in this report.
2. 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.
3. The equipment is intended for use in maximum ambient 55°C
4. The equipment was submitted and evaluated for use at a maximum altitude during operation of less than 2000 m.
5. An external overpressure safety device (e.g. pressure regulator) shall be included in practical use in order to limit the pressure not exceeding the allowable limit (4.5 bar maximum).
6. An approved external DC power supply with output voltage 20-28Vdc, 3A maximum current shall be provided
7. If breather is only used to prevent propagation from inside to outside of enclosure, additional flame arrestors may need to be installed subject to authority having jurisdiction
8. Connections to DynamiQ-X enclosure, including suitable cable and cable glands have not been evaluated or approved in this certification. All Connections to the device are to be in compliance with Canadian Electrical Code or the National Electrical Code as determined by the Authority Having Jurisdiction for a Class I Division 1 location.
9. The Enclosure without cable, cable gland and process connections was certified for type 4X.
to maintain the integrity of the type 4x enclosure, a type 4x approved cable entry fitting must be used. QMICRO is responsible for correct installation of the cable entry, cable gland and for verifying sealing integrity of the enclosure.
10. Hydrogen is not safe and not recommended to use as a carrier / actuation gas type.
Precautions shall be taken by the end user