



QPS Evaluation Services Inc
Testing, Certification and Field Evaluation Body
Accredited in Canada, the USA, and Internationally

File
LR1377

CERTIFICATE OF COMPLIANCE
(ISO TYPE 3 CERTIFICATION SYSTEM)

Issued to	HMI Elements Ltd.
Address	Unit A & B Windmill Industrial Estate Showfield Lane, Malton North Yorkshire, YO17 6BT, UK
Project Number	LR1377-4R1
Product	Industrial Computer
Model Number	1301-Z1
Electrical Ratings/Markings	See Annex below.
Applicable Standards	CSA C22.2 No. 60079-0:19 CSA C22.2 No. 60079-1:16 CSA C22.2 No. 60079-11:14 CSA C22.2 No. 60079-18:16 CSA C22.2 No. 60079-7:16 CSA C22.2 No. 60079-31:15 CSA C22.2 No. 60079-28:16 UL 60079-0 7th ed. UL 60079-1 7th ed. UL 60079-11 6th ed. UL 60079-18 4th ed. UL 60079-7 5th ed. UL 60079-31-2 nd ed. UL 60079-28 2 nd ed. CSA C22.2 No. 60950-1-07 / UL 60950-1-07 (as a guide)
Factory/Manufacturing Location	HMI Elements Ltd. Unit A & B Windmill Industrial Estate, Showfield Lane, Malton North Yorkshire, YO17 6BT, UK

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: Rob Kohuch, P.Eng.

Signature: *Rob Kohuch*

Date: June 15, 2023



QSD 34HL

The SCC and IAS Accreditation Symbols are official symbols of the respective accreditation bodies, used under license.
 81 Kelfield St., Unit 8, Toronto, ON M9W 5A3 Tel: 416-241-8857; Fax: 416-241-0682
 www.qps.ca



Rev 01



QPS Evaluation Services Inc
Testing, Certification and Field Evaluation Body
Accredited in Canada, the USA, and Internationally

File
LR1377

ANNEX

Markings/Ratings:

Class I, Zone 1, AEx db eb mb IIC T4 Gb ^{Note1}
 Zone 21, AEx tb IIC T90°C Db ^{Note2}
 Ex db ib mb IIC T4 Gb ^{Note1}
 Ex tb IIC T90°C Db ^{Note2}
 Ta=-40°C to +60°C or Ta=-40°C to +55°C (with media converter fitted)

Note 1: may also include the codes, op is, ib, or [ib]
 Note 2: (may also include the codes, op is, ib, or [ib]) (not for models with Rota connector)

100-240V ac, 50-60 Hz, 1.3A

The following electrical connections to the equipment are not intrinsically safe and are made via cable glands or separately certified connectors:

Connector/entry	Rating
AC supply in	100Vac – 240Vac 50/60Hz, 1.3A
Ethernet	100Vac – 240Vac 50/60Hz, 1.0A
USB	5.5V 500mA
RS232	+/- 12V 100mA
RS485	3.5V 100mA

The intrinsically safe connections have the following parameters:

Connector	Output parameters
Horn Interface	Uo = 26.0V
	Io = 88mA
	Po = 0.57W
	Ci = 0
	Li = 0
Antenna	Capacitively coupled

