



MEGGITT

EX CERTIFICATE – cCSAus

vibro-meter®

**cCSAus 1514309
for
TQ4xx proximity sensors**



Note: Although the Ex certificate may be included in more than one language, the liability of the notified body applies only on the text of the original copy of the certificate that it published.

Document reference cCSAus 1514309
Edition 7 – August 2025

Parker Meggitt (Meggitt SA) office

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www.meggittsensing.com/energy
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Certificate: 1514309
Project: 80236654
Master Contract: 175074
Date Issued: 2025-05-22

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non Incendive Systems - For Hazardous Locations
CLASS 2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non Incendive Systems - For Hazardous Locations - certified against US requirements.

Class 1, Divisions 1, Groups A, B, C and D.

Proximity sensor Model TQ 4ab (Part number 111-4ab-000-cde) - Intrinsically safe when connected to associated apparatus delivering less than 28 V and 100 mA.

Tamb: -100°C to +195°C

Temperature Code T6 to T3 : T6 at +80°C, T5 at +95°C, T4 at +130°C, T3 at +195°C

Class 2258-02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations
Class 2258-82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations- certified against US requirements.

Class 1, Division 2, Groups A, B, C, D

Proximity sensor Model TQ 4ab (Part number 111-4ab-000-cde) - Rated 28 Vdc, 100 mA.

Tamb: -100°C to +195°C

Temperature Code T6 to T3 : T6 at +80°C, T5 at +95°C, T4 at +130°C, T3 at +195°C

APPLICABLE REQUIREMENTS

CSA C22.2 NO. 142-M1987 - Process Control Equipment
CAN/CSA C22.2 No. 213-17+ UPD 1 (2018) + UPD 2 (2019) + UPD 3 (2021) - Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations
CSA C22.2 No. 60079-019 - Fourth Edition - Explosive atmospheres — Part 0: Equipment — General requirements
CAN/CSA-C22.2 No. 60079-11:14 (R2023) - Explosive atmospheres — Part 11: Equipment protection by intrinsic safety "Y"
UL 913 (Sixth Edition) - Standard for Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, III, Division 1, Hazardous (Classified) Locations
UL 61010-1 - Second Edition - UL Standard for Safety Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements



Certificate of Compliance

Certificate: 1514309
Project: 80236654
Issued to: Meggitt SA
Rte de Moncor 4
Villars-sur-Glane, Fribourg
1752
Switzerland
Master Contract: 175074
Date Issued: 2025-05-22
Issued by: Konstantin Rybulko
Konstantin Rybulko
Attention: Alain Pauli

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



PRODUCTS

Class 2258 02 PROCESS CONTROL EQUIPMENT - For Hazardous Locations
Class 2258 03 PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations
Class 2258 82 PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards
Class 2258 83 PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations - Certified to US Standards

Proximity sensor

Model(s)	Voltage (VDC)	Current (mA)	Temperature Code
TQ 4ab (Part number 111-4ab-000-cde)	28	100	T6 to T3



Supplement to Certificate of Compliance

Certificate: 1514309 Master Contract: 175074
The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80236654	2025-05-22	Update to report 1514309 (LR 62075-5) for update of standard CSA C22.2 No 157-92 (R 2006) due to the applicable Hazloc Notice No. 23, based on acceptance of data of external IECEx ExTRs, and update of CSA C22.2 No. 213-M1987 (R 2004) due to the applicable Hazloc Notice No. 28 and removal of models SP 111, IQS 4XX and GSI.
2497294	2012-04-10	Update to report 1514309 to add one zero diodes in the existing circuits on the TQ4xx/IQS4xx.
2409760	2011-04-07	Update to report 1514309 to change the legal entity name
1998676	2007-09-28	Update to report 1648967 to include new version of IQS4 for Class I, Division 2 (without compound).
1648967	2005-04-12	Update to report 1514309 to add a new compound reference to IQS4XX.
1514309	2004-01-12	Update to report LR 62075-5 to modify documentation and entity parameters of models IQS4XX/TQ4YY LR62075 5 June 4, 1997 Original CSA certification for models SP 111, GSI 123 and IQS4XX/TQ4YY.



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Notes:

Products certified under Class(es) C225802, C225803, C225882, C225883 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC), www.scc.ca.

