



Certificate of Compliance

Certificate:	80263368	Master Contract:	221421
Project:	80263368	Date Issued:	2025-12-16
Issued to:	Connection Technology Center, Inc. 7939 Rae Boulevard Victor, New York 14564 United States	Issued by:	<i>Junlong Pan</i> Junlong Pan

Attention: Marie Kuzara

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 82 PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards

Canada:

Class I, Division 2, Groups A, B, C and D T3/T4
Class II, Division 1, Groups E, F and G T135°C
Class III
Ex ec IIC T* Gc
Ex tc IIIC T135°C Dc

U.S.:

Class I, Division 2, Groups A, B, C and D T3/T4



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Class II, Division 1, Groups E, F and G T135°C

Class I, Zone 2, AEx ec IIC T* Gc

Zone 22, AEx tc IIIB T135°C Dc

*Temperature Class depends on the ambient temperature

T4, T135°C for ambient temperature range of -40°C to +80°C

T3 for ambient temperature range of -40°C to +121°C

AC93*-.***, AC94*-.***, AC95*-.***, LP82*-.***, LP92*-.***, TA93*-.***, VE80*-.***, LPH82*-.***, LPH92*-.*** Series Transducer Sensors. IP64 Enclosure.

Ratings:

- Sensors to be supplied by a voltage source with the parameters as shown below:

LP82*-.***, LP92*-.***, LPH82*-.***, LPH92*-.*** Series: 12-28Vdc, 4-22 mA

- Sensors to be supplied by a constant current source according to IEPE standard with the parameters as shown below:

AC93*-.***, AC94*-.***, AC95*-.*** Series: 18 to 28Vdc (IEPE), 2-10 mA

TA93*-.***, Series: 18 to 28Vdc (IEPE), 2-10mA

VE80*-.*** Series: 18 to 28Vdc (IEPE), 2-10 mA

Conditions of Acceptability

1. Cables of the following CTC part numbers CB190, CB191 and CB192 are restricted only for use with sensors of a maximum ambient temperature of + 80°C, the manufacturer shall ensure that the product is marked accordingly.
2. Temperature code depends on the ambient range: T4 for ambient range of -40°C to +80°C and T3 for ambient range of -40°C to +121°C.
3. All cables (whether external cordsets or integral cables to the sensors) must be approved per INS10125.
4. For applications in explosive dust atmospheres the equipment must not be exposed to charge generating mechanisms such as flow of particles, charge spraying or strong electrostatic fields.
5. This equipment may only be powered by a power supply unit with a limited energy electric circuit in accordance with CAN/CSA C22.2 No. 61010-1-12 and ANSI/UL 61010-1, or Class 2 as defined in the Canadian Electrical Code C22.1, Section 16-200 and/or National Electrical Code (NFPA 70), article 725.121.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 25:17 (R2022) - Enclosures for use in Class II, Division 1, Groups E, F, and G hazardous locations - Fourth Edition

CAN/CSA C22.2 No. 60079-0:19 - Explosive atmospheres - Part 0: Equipment - General requirements

CAN/CSA C22.2 No. 60079-7:16 - Second Edition - Explosive atmospheres - Part 7: Equipment protection by increased safety "e"



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UL 60079-31:2015 - Second Edition - Standard for Safety Explosive Atmospheres – Part 31: Equipment Dust Ignition Protection by Enclosure “t”

CAN/CSA C22.2 No. 61010-1-12 - Third Edition - UPD1:2015, UPD2:2016, AMD1:2018 UPD3:2023 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements

UL 1203 (Fourth Edition; Reprint with Revisions through and Including October 28, 2009) - UL Standard for Safety Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

ANSI/UL 60079-0:2020 - Seventh Edition - Including revisions through July 19, 2024 - Explosive Atmospheres – Part 0: Equipment – General Requirements

UL 60079-7:2017 - Fifth Edition - Explosive Atmospheres - Part 7: Equipment Protection by Increased Safety 'e'

UL 61010-1:2012 - Third Edition - Including revisions through June 6, 2023 - Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements



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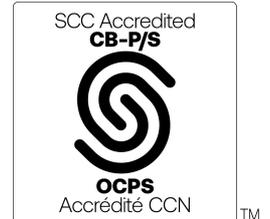
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Notes:

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





Supplement to Certificate of Compliance

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*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
80263368	2025-12-16	Original cCSAus certification of transducer sensors based on the acceptance of IECEx CSA 24.0015X.