



Certificate of Compliance

Certificate: 80206240 **Master Contract:** 200600
Project: 80206240 **Date Issued:** 2024-10-02
Issued to: Endress+Hauser Wetzer GmbH Co. KG
Obere Wank 1
Nesselwang, Bavaria 87484
Germany
Attention: Michael Pfanzelt

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.



Issued by:
John Kusi Amoateng
John Kusi Amoateng

PRODUCTS

Class 2258 04 PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations
Class 2258 84 PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - - For Hazardous Locations - Certified to US Standards

Ex ia IIC T6...T4 Gb
Class I, Zone 1, AEx ia IIC T6...T4 Gb
I.S. Class I, Division 2, Groups A, B, C, D; T6...T4

Display module

Model(s)	Input Voltage	Input Current	Input Capacitance	Input Inductance
Type TID10	Ui = 7.6 V	Ii = 130 mA	negligibly small	negligibly small

Display module, Type TID10 is used for the configuration as well as for display of temperature settings for suitable head temperatures transmitters by Endress+Hauser Wetzer only.



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Models TID10-a

a = Approvals: CA (FM+CSA IS, NI I/1+2/ABCD), or CE (CSA C/US IS, NI I/1+2/A-D) or C2 (CSA IS, NI I/1+2/ABCD)

Terminals	Entity Parameters	
Power supply (CDI connector)	U _i = 7.6 V I _i = 130 mA L _i = negligibly small C _i = negligibly small	
Ambient Temperature Range	T-Code	Temperature Range
	T6	-40 °C ≤ T _a ≤ +55 °C
	T5	-40 °C ≤ T _a ≤ +70 °C
	T4	-40 °C ≤ T _a ≤ +85 °C

Conditions of Acceptability:

1. The display TID10 must be installed in such a way that charging/ discharging of electrostatic is avoided.

APPLICABLE REQUIREMENTS

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

CSA C22.2 No. 60079-0:19 (Fourth Edition) - Explosive atmospheres — Part 0: Equipment — General requirements

CSA C22.2 No. 60079-11:14 (Second Edition) (R2023) - Explosive atmospheres — Part 11: Equipment protection by intrinsic safety “i” - Second Edition

UL 61010-1 3rd ed (Rev. Nov 21, 2018) - UL Standard for Safety Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements - Third Edition; Including Revisions through November 21, 2018

ANSI/UL 60079-0-2019 - Standard for Safety for Explosive Atmospheres - Part 0: General Requirements

ANSI/UL 60079-11(Sixth Edition; Reprint with Revisions Through and Including January 25, 2023) - UL Standard for Safety Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety “i”

Markings

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.



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- Manufacturer's name: " Endress + Hauser Wetzer GmbH Co. KG ", or CSA Master Contract Number "200600", adjacent to the CSA Mark in lieu of manufacturer's name.
 - CSA Monogram;
 - Model Designation, as specified in the PRODUCTS section, above.
 - Ambient temperature range, as specified in the PRODUCTS section, above...
 - Serial Number, Date Code or Month and Year of Manufacture.
 - Hazardous Location designation: As specified in the PRODUCTS section, above. The word "Class" may be abbreviated "CL", the word "Division" may be abbreviated "DIV", and the word "Groups" may be abbreviated "GRP" or "GP".
 - Method of Protection markings (Ex -- markings): As specified in the PRODUCTS section, above.
 - Temperature code: As specified in the PRODUCTS section, above.-

Intrinsic Safety Markings:

- The words "INTRINSICALLY SAFE" or "IS" or "I.S." or the symbol "Ex ia" for intrinsically safe models.
- CSA Certificate number: "CSA24CA80206240X"
- Install per head transmitter's control drawing 10000010389

INSTALLATION MANUAL AND DOCUMENTATION:

An installation manual, data sheet, or other documentation shall be supplied with each unit, containing the following minimum information:

- A recapitulation of the information with which the equipment is marked, except for the serial number.
- Manufacturer's name and address
- Name and address of importer or repairer, when necessary to facilitate repair.
- A description of the intended use of the equipment.
- A statement that if the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.



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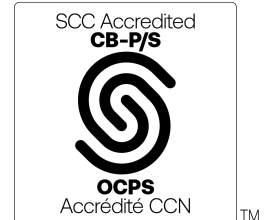
Master Contract: 200600

Project: 80206240

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Notes:

Products certified under Class(es) C225804, C225884 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
80206240	2024-10-02	Original Certification of Display Module Model TID10-a* for type of protection intrinsic safety based on IECEx EPS 18.0034X issue 0.