



Certificate of Compliance

Certificate: 80297693 **Master Contract:** 205557
Project: 80297693 **Date Issued:** 2026-07-27
Issued to: Endress+Hauser Conducta GmbH & Co. KG
Dieselstraße 24
Gerlingen, Baden-Württemberg 70839
Germany
Issued by: Anil Sodhi
Anil Sodhi, P. Eng.

Attention: Maximilian Hirsch

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 2252 06 PROCESS CONTROL EQUIPMENT - Process Control Equipment

Class 2252 86 PROCESS CONTROL EQUIPMENT - Certified to US Standards

Ultrasonic Interface Sensor

Model(s)	Supply Voltage (VDC)	Max Power Consumption (W)
CUS71E	24V DC (-15% / +20%)	3W

Notes:

1. The above model is to be supplied by a separately certified limited energy power supply, fixed installation and permanently connected, Pollution Degree 4, Type 6P Enclosure and IP 66/68.
2. Mode of operation: Continuous



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3. Environmental Conditions: (Extended) Ambient temperature range: +5°C to + 80°C, Process temperature range: +5°C to +80°C, Indoor and Outdoor Use, Relative Humidity: 10...100%, no condensation, Altitude: Max. 3000m.

Description of special features:

The sensor contains a step motor for the wiper operation which can be activated once every 10 minutes (T_{PER}) for a maximum duration of 3 secs. (T_{ON})

Listed below are the order codes for the various model options:

Product root		010	020	025	030	040		≥500
CUS71E	-	**	*	*	*	*	+	**

* = variables as follows

Certified characteristics

Feature		Option	
010	Approval	CA	CAN/US General Purpose
020	Sensor Version	All	Sensor with or without wiper
025	Seal, Wetted	All	EPDM or FKM
030	Cable Length	All	Max. cable length 100 m
040	Adaption Cable	All	Fixed on sensor side, optional connection type on transmitter side
≥500	Optional Features		

APPLICABLE REQUIREMENTS

Standards Used	Description
CAN/CSA C22.2 No. 61010-1-12, UPD1:2015, UPD2:2016, AMD1:2018, UPD3:2023, UPD4:2024	Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements - Third Edition
UL 61010-1:2012 - Third Edition - Revisions Through and Including November 15, 2024	Safety Requirements for Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements
CSA C22.2 No. 94.2:20 - Third Edition	Enclosures for electrical equipment, environmental considerations
UL 50E:2020 - Third Edition	Enclosures for Electrical Equipment, Environmental Considerations

Conditions Of Acceptability

1. The device shall only be powered by a certified power supply providing double or reinforced insulation with output not exceeding the limits of CSA/UL/EN/IEC 61010-1:2010 chapter 6.3.1/6.3.2 and 9.4 or class 2 according to CSA 223/UL 1310.

Markings

The manufacturer is required to apply the following markings:



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- 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.

The following markings appear on the product:

1. Submitter's identification (company name and/or file number and/or registered tradename);
2. Model designation;
3. Electrical ratings;
4. Date of manufacture: Month and year of manufacture or date code. If a serial number is used instead of date of manufacture, a record of serial numbers shall be kept traceable to date of manufacture. (Not related to date of sale).
5. ISO 3864 Symbol B.3.1  or ISO 7000 symbol 0434  (triangle with exclamation point) with a

statement that the manual must be consulted in all cases where this symbol is marked, to find out the nature of the potential HAZARDS and any actions which must be taken to avoid them.

6. The products listed 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:  , or  , or .

Method of Marking:

The marking is directly laser etched on to the enclosure.



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Notes:

Products certified under Class(es) C225206, C225286 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
80297693	2026-07-27	Original cCSAus certification of Memosens CUS71E Ultrasonic Interface Sensor for General Safety assessment