



Certificate of Compliance

Certificate:	2226439	Master Contract:	157800
Project:	80281016	Date Issued:	2026-04-20
Issued to:	Conax Technologies LLC 2300 Walden Ave. Buffalo, New York 14225 United States	Issued by:	<i>Blake Apathy</i> Blake Apathy

Attention: Paul Marinaccio

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

Class I, Division 1, Groups B, C, D T3; Class II, Division 1, Groups E, F, G; Class III

Models 400 & 600 Temperature Sensors/Probes either RTD or Thermocouple. Maximum Working Pressure: 689476 Pa; Ambient temperature: -40°C to +100°C; Enclosure Type 4/IP65.

Model Codes:

10-aaaa-b-ccc

aaaa = Model designation (1286 = 400 and 1288 = 600)

b = Sensor/probe type (1 = RTD and 2 = Thermocouple)

ccc = Sequential numbering (determines build type - RTD type, thermocouple type, single or dual sensors and length of probe.)

Conditions of Acceptability:



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1. A seal must be installed within 18" of the enclosure for Division 1 installations but is not required for Division 2.
2. Models 400 & 600: Sensor must be installed into either a thermowell or a port machined into a solid metal piece with a 1/2-14 NPT mounting connection made per ANSI/ASME B1.20.1 and gauged to +1/2 to +2 turns from flush with end of start thread in accordance with CSA Std C22.2 0.5 and UL Std 1203, A 36" maximum bore depth, a 0.104" minimum wall, and a Ø0.302" maximum bore
3. Suitability of the sensor for the intended application and final installation shall be as required by CEC/NEC. Compliance shall be verified by local inspection authorities.

Class I, Division 2, Groups B, C, D T3; Class II, Division 2, Groups F, G; Class III

Models 400, 500, & 600 Temperature Sensors/Probes either RTD or Thermocouple. Maximum Working Pressure: 689476 Pa; Ambient temperature: -40°C to +100°C; Enclosure Type 4/IP65.

10-aaaa-b-ccc-dd

aaaa = Model designation (1286 = 400, 1287 = 500 and 1288 = 600)

b = Sensor/probe type (1 = RTD and 2 = Thermocouple)

ccc = Sequential numbering (determines build type - RTD type, thermocouple type and length of probe.)

dd = Viton tubing length (model 500 only)

Conditions of Acceptability:

1. Models 400 & 600: Sensor must be installed into either a thermowell or a port machined into a solid metal piece with a 1/2-14 NPT mounting connection made per ANSI/ASME B1.20.1 and gauged to +1/2 to +2 turns from flush with end of start thread in accordance with CSA Std C22.2 0.5 and UL Std 1203, A 36" maximum bore depth, a 0.104" minimum wall, and a Ø0.302" maximum bore.
2. Suitability of the sensor for the intended application and final installation shall be as required by CEC/NEC. Compliance shall be verified by local inspection authorities.

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

Class I, Division 1, Groups B, C, D T3; Class II, Division 1, Groups E, F, G; Class III

Model 500 Temperature Sensor/Probe, Intrinsically safe when installed per Conax control drawing 66-0002. Entity parameters: Vmax 10.5V, Imax 800mA and Pmax 1.2W. Maximum Working Pressure: 689476 Pa; Ambient temperature: -40°C to +100°C; Enclosure Type 4/IP65.

10-aaaa-b-ccc-dd

aaaa = Model designation (1287 = 500)

b = Sensor/probe type (1 = RTD and 2 = Thermocouple)

ccc = Sequential numbering (determines build type - RTD type, thermocouple type and length of probe.)

dd = Viton tubing length

Notes:

1. Must be installed per Conax control drawing 66-0002.



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Suitability of the sensor for the intended application and final installation shall be as required by CEC/NEC. Compliance shall be verified by local inspection authorities.

APPLICABLE REQUIREMENTS

Standards Used	Description
CSA C22.2 No. 25-1966(R2009)	Enclosures for Use in Class II Groups E, F, and G Hazardous Locations - Incorporating General Instruction No 1: 9/1966
UL 508:1999 - Seventeenth Edition - Including Revisions Through September 19, 2008	UL Standard for Safety Industrial Control Equipment
UL 913(Seventh Edition; Reprint with revisions through and including August 12, 2008)	UL Standard for Safety Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
CSA C22.2 No. 94.2:20 - Third Edition	Enclosures for electrical equipment, environmental considerations
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
CSA C22.2 No. 142-M1987 - Third Edition	Process Control Equipment
ANSI/ISA 12.12.01 : 2007	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. 30-M1986	Explosion-Proof Enclosures for Use in Class I Hazardous Locations Industrial Products - General Instruction No 1-2
CSA C22.2 No. 213-M1987 - First Edition	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations Industrial Products - General Instruction No. 1
CAN/CSA C22.2 No. 60079-0:19	Explosive atmospheres - Part 0: Equipment - General requirements
CAN/CSA-C22.2 No 60079-11:14	Explosive Atmospheres - Part 11: Equipment protection by intrinsic safety 'I'
ANSI/UL 60079-0:2020 - Seventh Edition - Including revisions through July 19, 2024	Explosive Atmospheres – Part 0: Equipment – General Requirements
ANSI/UL 60079-11-2018	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.



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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 marking appear on an attached 0.76mm thick stainless steel nameplate. The nameplate is attached by a 0.81mm diameter wire through a machined hole in the stainless steel mounting body and the ends were twisted.

- Listee name: "Conax Technologies", or CSA Master Contract Number "157800", adjacent to the CSA Mark in lieu of manufacturer's name.
- CSA Mark with "C" and "US" indicators, as shown on the Certificate of Conformity
- Model Number
- Ratings; As specified in the PRODUCTS section above.
- Ambient Temperature Range; As specified in the PRODUCTS section above.
- MWP (Maximum Working Pressure); As specified in the PRODUCTS section above.
- Date code/Serial number or equivalent
- Hazardous Locations Designation; As specified in the PRODUCTS section above.
- Exia; (Where applicable)
- Enclosure Rating; As specified in the PRODUCTS section above.
- Statement: "SEAL MUST BE INSTALLED WITHIN 18" OF THE ENCLOSURE FOR DIVISION 1 INSTALLATIONS BUT IS NOT REQUIRED FOR DIVISION 2" and the words "UN JOINT D'ETANCHETITE DOIT ETRE INSTALLE' A MOINS DE 18" DE L'ENVELOPPE POUR LES INSTALLATIONS DE DIVISION 1 MAIS N'EST PAS REQUIS POUR LA DIVISION 2"
- Cautionary statement: "OPEN CIRCUIT BEFORE REMOVING COVER" and the words "OUVRIR LES CIRCUITS AVANT DE RETIRER LE COUVERCLE"
- Statement for Model 500: "Intrinsically safe when installed per Conax control drawing 66-0002" (Where applicable)
- Statement for Models 400 & 600: "Temperature sensor must be installed into either a thermowell or a port machined into a solid metal piece with a 1/2-14 NPT mounting connection made per ANSI/ASME B1.20.1 and gauged to +1/2 to +2 turns from flush with end of start thread in accordance with CSA Std C22.2 0.5 and UL Std 1203, A 36" maximum bore depth, a 0.104" minimum wall, and a Ø0.302" maximum bore."



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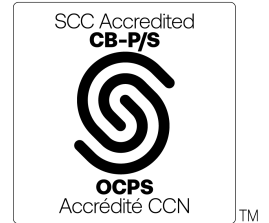
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Notes:

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
80281016	2026-04-20	Update of report to 2226439 address standards upgrade required by Hazardous Locations Products Notice #23
80189877	2024-03-21	Update to report 2226439 to replace the old potting compound (Dow Corning 3-6751, old drawing 47-0046) with the new Dowsil TC-6020 thermally conductive encapsulant (new drawing 47-0181). Also, clerical update to drawings 49-0062, 10-1286, 10-1287, and 10-1288 and nameplate drawing ((49-0062) updated to include French translation of warning .
2576942	2012-12-18	Update to report 2226439 to correct document revisions per FIR NY170.
2312987	2010-07-16	Update to report 2226439 to add additional description information to many of the components (changed the drawings numbers to part numbers) and to include drawing revisions. Viton "B" tubing was added for ease of purchasing.
2226439	2009-12-25	Original Certification of Models 400, 500 and 600 Series Temperature Sensors for use in hazardous locations.