



Certificate of Compliance

Certificate:	1916494	Master Contract:	237484
Project:	80298500	Date Issued:	2026-08-05
Issued to:	Automation Products Group Inc 1025 West 1700 North Logan, Utah 84321 United States	Issued by:	<i>Ron Bell</i> Ron Bell

Attention: Robert Barson

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 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 C, D T4

Class I, Zone 0, AEx ia IIB T4 Ga

Ex ia IIB T4 Ga

Ambient range -40°C to +85°C

- Hammer Union Pressure Sensor, Model HU-Ln-IS, HU-1502SS-Ln, and HU1502I-Ln (where Ln = L1, L3, L24 or L27). The equipment enclosure has been separately tested against the requirements of IEC 60529 and meets IP65 and IP67; Maximum Working Pressure: 20,000 PSI; Installed as per Drawing 9002460; Intrinsically Safe with the following Entity Parameters:



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$V_{max}, U_i = 28V_{dc}$

$I_{max}, I_i = 110mA$

$P_{max}, P_i = 1W$

$C_i = 60.89nF$

$L_i = 7.7mH$

Conditions of Acceptability

- To maintain IP67/65 rating, the equipment shall be installed with a certified IP67/65 mating connector.
- This device must be connected to a NRTL approved safety barrier
- The intrinsically safe circuit is not capable of withstanding a 500 V r.m.s. dielectric strength test to the enclosure as specified in IEC 60079-11, EN 60079-11, UL 60079-11, and CSA C22.2 No. 60079-11, Clause 6.3.13.

Note: Suffixes are added to indicate options not affecting safety.

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 A, B, C, D T5...T4, Ex ia

Class I, Zone 0, AEx ia IIC T5...T4 Ga

Ex ia IIC T5...T4 Ga

T4: $-40^{\circ}C \leq T_a \leq 80^{\circ}C$

T5: $-40^{\circ}C \leq T_a \leq 45^{\circ}C$

- Hammer Union Pressure Sensor, Model HU-1502-xxxx. The equipment enclosure has been separately tested against the requirements of IEC 60529 and meets IP65 and IP67; Maximum Working Pressure: 20,000 PSI; Installed as per Drawing 9006998; Intrinsically Safe with the following Entity Parameters:

$V_{max}, U_i = 28V_{dc}$

$I_{max}, I_i = 110mA$

$P_{max}, P_i = 0.77W$

$C_i = 0 nF$

$L_i = 0 mH$

Conditions of Acceptability

- To maintain IP67/65 rating, the equipment shall be installed with a certified IP67/65 mating connector.
- This device must be connected to a NRTL approved safety barrier
- The intrinsically safe circuit is not capable of withstanding a 500 V r.m.s. dielectric strength test to the enclosure as specified in IEC 60079-11, EN 60079-11, UL 60079-11, and CSA C22.2 No. 60079-11, Clause 6.3.13.

Note: Suffixes are added to indicate options not affecting safety.



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APPLICABLE REQUIREMENTS

Standards Used	Description
CAN/CSA C22.2 No. 60079-0:11 - Second Edition	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'
CAN/CSA C22.2 No. 61010-1-12	Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements
UL 913(Eighth Edition)	UL Standard for Safety Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations - Eighth Edition
ANSI/UL 60079-0:2013 - Sixth Edition	UL Standard for Safety - Explosive Atmospheres - Part 0: Equipment - General Requirements
ANSI/UL 60079-11:2013 - Sixth Edition	Explosive Atmospheres - Part 11: Equipment Protection By Intrinsic Safety 'I'
ANSI/UL 61010-1:2012 - Third Edition	Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements

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.

(1) Submitter's name, trademark, or the CSA file number (adjacent the CSA Mark).

(1a) The Designation: CSA 07CA1916494X

(2) Catalogue / Model designation.

(3) Entity Parameters

(4) Date code / Serial number traceable to month and year of manufacture.

(5) Hazardous Location designations.

(6) The words "Exia, INTRINSICALLY SAFE".



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- (7) Temperature code T4. Model HU-1502 Temperature Code T5, T4.
- (8) Ambient -40°C to $+85^{\circ}\text{C}$; Model HU-1502. Temperature Code Rating T4; $-40^{\circ}\text{C} \leq T_a \leq +80^{\circ}\text{C}$; T5: $-40^{\circ}\text{C} \leq T_a \leq +45^{\circ}\text{C}$
- (9) Maximum working pressure.
- (10) Enclosure Type: IP 65/67
- (11) The CSA Mark with the c and us qualifiers as applicable.

The products listed above are eligible to bear the CSA Mark 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.

HU-Ln-IS Label

 1025 WEST 1700 NORTH: LOGAN, UTAH 888.525.7300 MODEL #: (PER CTO) HU-Ln-IS-nmk-PSIS-Ern-Pnn-Knn-Bnn PART #: (PER CTO) SERIAL #: (PER ORDER)	RANGE: (PER PART NUMBER) EXCITATION SUPPLY: 10-28VDC OUTPUT: 4-20mA / 0-5VDC (PER ORDER) Vmax: $U_i = 28\text{VDC}$, Imax: $I_i = 110\text{mA}$ Pmax: $P_i = 1\text{W}$, $C_i = 60.89\text{nF}$, $L_i = 7.7\text{mH}$ INSTALLATION INSTRUCTIONS: DOCUMENT #: 9002460	WIRING: PIN A: PER CONFIGURATOR PIN B: PER CONFIGURATOR PIN C: PER CONFIGURATOR PIN D: PER CONFIGURATOR PIN E: PER CONFIGURATOR PIN F: PER CONFIGURATOR	 C US 0344 Sra 13ATEX2023X IECEx CSA 13.0004X Ex ia IIB T4 Ga CSA07CA1916494 Exia: INTRINSICALLY SAFE CLASS I, DIV 1, GR C, D, T4 Ga CLASS I, ZONE 0, AEx ia IIB T4 Ga Ex ia IIB T4 Ga AMBIENT: -40°C TO 85°C TYPE IP65/67	II 1G Ex ia IIB T4 Ga $U_i \leq 28\text{V}$, $I_i \leq 110\text{mA}$, $P_i \leq 1\text{W}$, $C_i \leq 60.89\text{nF}$, $L_i \leq 7.7\text{mH}$ $-40^{\circ}\text{C} \leq T_a \leq +85^{\circ}\text{C}$ WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY. MUST BE CONNECTED TO A CLASS 2 POWER SUPPLY. AVERTISSEMENT: LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SECURITE INTRINSEQUE. DOIT ETRE CONNECTE A UNE ALIMENTATION DE CLASSE 2.
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HU-1502I/SS Label

 1025 WEST 1700 NORTH: LOGAN, UTAH 888.525.7300 MODEL #: (PER CTO) HU-1502I OR SS-Ln-nmk-PSIS-Ern-Pnn PART #: (PER CTO) SERIAL #: (PER ORDER)	RANGE: (PER PART NUMBER) EXCITATION SUPPLY: 10-28VDC OUTPUT: 4-20mA / 0-5VDC (PER ORDER) Vmax: $U_i = 28\text{VDC}$, Imax: $I_i = 110\text{mA}$ Pmax: $P_i = 1\text{W}$, $C_i = 60.89\text{nF}$, $L_i = 7.7\text{mH}$ INSTALLATION INSTRUCTIONS: DOCUMENT #: 9002460	WIRING: PIN A: PER CONFIGURATOR PIN B: PER CONFIGURATOR PIN C: PER CONFIGURATOR PIN D: PER CONFIGURATOR PIN E: PER CONFIGURATOR PIN F: PER CONFIGURATOR	 C US 0344 Sra 13ATEX2023X IECEx CSA 13.0004X Ex ia IIB T4 Ga CSA07CA1916494 Exia: INTRINSICALLY SAFE CLASS I, DIV 1, GR C, D, T4 Ga CLASS I, ZONE 0, AEx ia IIB T4 Ga Ex ia IIB T4 Ga AMBIENT: -40°C TO 85°C TYPE IP65/67	II 1G Ex ia IIB T4 Ga $U_i \leq 28\text{V}$, $I_i \leq 110\text{mA}$, $P_i \leq 1\text{W}$, $C_i \leq 60.89\text{nF}$, $L_i \leq 7.7\text{mH}$ $-40^{\circ}\text{C} \leq T_a \leq +85^{\circ}\text{C}$ WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY. MUST BE CONNECTED TO A CLASS 2 POWER SUPPLY. AVERTISSEMENT: LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SECURITE INTRINSEQUE. DOIT ETRE CONNECTE A UNE ALIMENTATION DE CLASSE 2.
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HU1502-xxxx Label

 C US CSA07CA1916494	Class I, Div 1, Groups A,B,C,D T5...T4, Ex ia Class I, Zone 0, AEx ia IIC T5...T4 Ga Ex ia IIC T5...T4 Ga T5: $-40^{\circ}\text{C} \leq T_a \leq +45^{\circ}\text{C}$ T4: $-40^{\circ}\text{C} \leq T_a \leq +80^{\circ}\text{C}$	INSTALLATION INSTRUCTIONS PER DRAWING 9006998 WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY. MUST BE CONNECTED TO A CERTIFIED CLASS 2 SELV POWER SUPPLY. AVERTISSEMENT: LE REMPLACEMENT DE COMPOSANTS PEUT COMPROMETTRE LA SECURITE INTRINSEQUE. DOIT ETRE CONNECTE A UNE ALIMENTATION ELECTRIQUE CERTIFIEE SELV CLASSE 2.
 0344 IECEx CSA 13.0004X Ex ia IIC T5...T4 Ga T5: $T_a = -40^{\circ}\text{C}$ to $+45^{\circ}\text{C}$ T4: $T_a = -40^{\circ}\text{C}$ to $+80^{\circ}\text{C}$		ENTITY PARAMETERS: Vmax, $U_i = 28\text{Vdc}$ Imax, $I_i = 110\text{mA}$ Pmax, $P_i = 0.77\text{W}$ $C_i = 0.0\mu\text{F}$ $L_i = 0.0\mu\text{H}$
 Sra 13ATEX2023X II 1G, Ex ia IIC T5...T4 Ga T5: $T_a = -40^{\circ}\text{C}$ to $+45^{\circ}\text{C}$ T4: $T_a = -40^{\circ}\text{C}$ to $+80^{\circ}\text{C}$		

REQUIRED METHOD OF MARKING:

The marking shall be permanent, such as a 0.5-mm thick metal nameplate secured by drive pins or screws in bottomed holes, cast, etched, or engraved.



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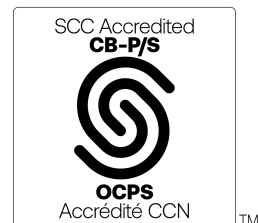
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Notes:

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
80298500	2026-08-05	Update to cCSAus report 1916494 for Intrinsically Safe Ex "ia", Hammer Union Pressure Sensor, Model HU-Ln-IS, HU-1502SS-Ln, and HU1502I-Ln to add an additional Model HU1502 which is a variant of the currently certified Model HU-1502SS-Ln in the report.
70177689	2018-06-26	Update CSA Report 1916494 to add two new housing designs, specified as HU-1502I and HU-1502SS. Upgrade all models from CSA 142-M1987 to UL/CSA 61010-1.
2703264	2014-09-15	Update to Report 1916494 to revise input filter board.
2615564	2013-04-02	Update to include revised drawings with minor changes.
2517307	2012-08-09	Update to include a new EMI board within the Hammer Union Pressure Sensor as well as IP65/67 certification for the sensor enclosure.
1916494	2007-05-30	Supersedes report 1854327 (sub report 1726089) to change listing to show Ex ia and AEx ia.