Certificate of Compliance

Certificate:	1298901	**Master Contract:**	215069
Project:	80263325	**Date Issued:**	2026-05-27
Issued to:	**Endress+Hauser SICK GmbH+Co. KG** **Bergener Ring 27** **Ottendorf-Okrilla, Saxony** **01458** **Germany** **Attention:** Sven-Matthias Scheibe	**Issued by:**	*John Kusi Amoateng* John Kusi Amoateng

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.

C US

PRODUCTS

Class 2258 03 PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations
Class 2258 04 PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations
Class 2258 83 PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations - Certified to US Standards
Class 2258 84 PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations - Certified to US Standards

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

Class I, Div. 2, Groups A, B, C, and D, T4 Provide Intrinsically Safe Output for Class I, Div. 2, Groups A, B, C, and D

• Model FLOWSIC600-p-c-G-b-s, rated 12Vdc –24Vdc, 150mA max. Maximum ambient, 60 ºC, Temperature Code T4. Field Terminals rated as follows, Terminals 31 and 32 (active) rated 18 V 35 mA, Terminals 31 and 32 (passive) rated 30 V, 35 mA, Terminals 51, 52, 41, 42, 81, and 82 rated 30 V 100 mA, Terminals 33 and 34 rated 5V, 175 mA. Provides Intrinsically Safe circuits in the field terminals and output to transducers when connected per Drawing no. 9418408.

Conditions of Acceptability:

1. For the whole area of erection of the apparatus potential equalisation have to be ensured. The protective earth conductor terminals of the apparatus shall be connected to the potential equalisation.
2. The combination of intrinsically safe circuits and non-intrinsically safe circuits for the field connections are not allowed.
3. Ultrasonic probes manufactured from titanium or aluminium must be protected against impact or friction
4. The maximum piezo-electric energy released by impact on the ultrasonic transducers exceeds the limit for Gas Group A, B and C. The ultrasonic transducers must be protected against impact.

CLASS 2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems – For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

Class I, Div. 2, Groups A, B, C, and D, T4 Provide Intrinsically Safe Output for Class I, Div. 2, Groups A, B, C, and D
Class I, Zone 2, Groups IIC, IIB, IIA T4 Provide Intrinsically Safe Output for Class I, Div. 2, Groups IIC, IIB, IIA

• Model FLOWSIC600-p-c-G-b-s, rated 12Vdc –24Vdc, 150mA max. Maximum ambient, 60 ºC, Temperature Code T4. Field Terminals rated as follows, Terminals 31 and 32 (active) rated 18 V 35 mA, Terminals 31 and 32 (passive) rated 30 V, 35 mA, Terminals 51, 52, 41, 42, 81, and 82 rated 30 V 100 mA, Terminals 33 and 34 rated 5V, 175 mA. Provides Intrinsically Safe circuits in the field terminals and output to transducers when connected per Drawing no. 9418408.

Conditions of Acceptability:

1. For the whole area of erection of the apparatus potential equalisation have to be ensured. The protective earth conductor terminals of the apparatus shall be connected to the potential equalisation.
2. The combination of intrinsically safe circuits and non-intrinsically safe circuits for the field connections are not allowed.
3. Ultrasonic probes manufactured from titanium or aluminium must be protected against impact or friction
4. The maximum piezo-electric energy released by impact on the ultrasonic transducers exceeds the limit for Gas Group A, B and C, resp. Groups IIC, IIB. The ultrasonic transducers must be protected against impact.

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations

Class I, Div. 1, Groups B and C and D T4 Provide Intrinsically Safe Output for Class I, Div. 1, Groups B and C and D

Model FLOWSIC600-p-c-G-b-s, Maximum ambient, 60 ºC, Temperature Code T4. Provides Intrinsically Safe circuits in the field terminals and output to transducers when installed per Drawing no. 9418408.

Conditions of Acceptability:

1. For the whole area of erection of the apparatus potential equalisation have to be ensured. The protective earth conductor terminals of the apparatus shall be connected to the potential equalisation.
2. The combination of intrinsically safe circuits and non-intrinsically safe circuits for the field connections are not allowed.
3. Ultrasonic probes manufactured from titanium or aluminium must be protected against impact or friction
4. The maximum piezo-electric energy released by impact on the ultrasonic transducers exceeds the limit for Gas Group B and C. The ultrasonic transducers must be protected against impact.

CLASS 2258 84 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

Class I, Div. 1, Groups B and C and D T4 Provide Intrinsically Safe Output for Class I, Div. 1, Groups B and C and D
Class I, Zone 1, Group IIB + Hydrogen, T4 Provide Intrinsically Safe Output for Class I, Zone 1, Group IIB + Hydrogen

Model FLOWSIC600-p-c-G-b-s, Maximum ambient, 60 ºC, Temperature Code T4. Provides Intrinsically Safe circuits in the field terminals and output to transducers when installed per Drawing no. 9418408.

Conditions of Acceptability:

1. For the whole area of erection of the apparatus potential equalisation have to be ensured. The protective earth conductor terminals of the apparatus shall be connected to the potential equalisation.
2. The combination of intrinsically safe circuits and non-intrinsically safe circuits for the field connections are not allowed.
3. Ultrasonic probes manufactured from titanium or aluminium must be protected against impact or friction
4. The maximum piezo-electric energy released by impact on the ultrasonic transducers exceeds the limit for Gas Group B and C resp. Groups IIB+H2, IIB. The ultrasonic transducers must be protected against impact.

APPLICABLE REQUIREMENTS

Standards Used	Description
CSA C22.2 No. 142-M1987 - Third Edition	Process Control Equipment
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'
CSA C22.2 No. 30:20 - Fourth Edition - Including Update No. 1 - March 2023	Explosion-proof equipment
CAN/CSA-C22.2 No. 213-17 + UPD 1 (2018) + UPD 2 (2019) + UPD 3 (2021) (R2022)	Non-incendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
UL 916	Safety Energy Management Equipment

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Standards Used	Description
ANSI/UL 60079-0-2020 (R2024) Ed.7	Explosive atmospheres — Part 0: Equipment — General requirements
ANSI/UL 60079-11-2018 (R2023) Sixth Edition	Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety 'i'
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
UL 1203:2000 - Third Edition - Including revisions through April 30, 2004	UL Standard for Safety Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
ANSI/UL 121201:2017 - Ninth Edition - Including revisions through July 30, 2025	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

Markings

The Markings appear on an adhesive label Material, PU – Acrylatfolie Type 6930, Mfg. by Tesa. See Drawing No. 9092153.

- Hazardous location designation (Groups B, C, and D version) Class I, Div. 1, Groups B, C, and D; Class I, Div. 2, Groups A, B, C, and D; Class I, Zone 1, Group IIB + Hydrogen; Class I, Zone 2, Group IIC
- Hazardous location designation (Groups C and D version) Class I, Div. 1, Groups C and D; Class I, Div. 2, Groups C and D; Class I, Zone 1, Group IIB; Class I, Zone 2, Group IIB
- Hazardous location designation (Group D version) Class I, Div. 1, Group D; Class I, Div. 2, Group D; Class I, Zone 1, Group IIA; Class I, Zone 2, Group IIA
- The CSA Mark with “c/us” indicator
- Submittors identification
- Model designation
- Electrical rating
- Serial number or date code
- Temperature code rating, T4
- Maximum Ambient Temperature
- The symbol "[Exia]"
- The words "ASSOCIATED EQUIPMENT"
- WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY
- PROVIDES INTRINSICALLY SAFE CIRCUITS WHEN CONNECTED PER INSTALLATION DRAWING NO. 9418408
- "KEEP COVER TIGHT WHILE CIRCUITS ARE ALIVE"
- " Seal within 18 inches of enclosure " for Non-Intrinsically Safe Connection

Note: Jurisdictions in Canada may require these markings to be also in French. It is the responsibility of the Customer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities.

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Notes:

Products certified under Class(es) C225803, C225804, C225883, 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
80263325	2026-05-27	Update to Report 1298901 to accomplish the following: 1. update documents and drawings due to company name change from SICK Engineering GmbH to Endress+Hauser SICK GmbH+Co. KG 2. update of CSA C22.2 No. 213-M1987 to CAN/CSA C22.2 No. 213-17 as per the Hazardous Location Products No. 28 Notice and addition of ANSI/UL 121201-2021 3. update of CAN/CSA-C22.2 No. 157-92 to CAN/CSA C22.2 No. 60079-11:14 & CAN/CSA C22.2 No. 60079-0:19 as per Hazardous Location Products No. 23 Notice based on external test report. 4. Update of UL 913 to the latest standard and addition of ANSI/UL 60079-11-2018 (R2023) & ANSI/UL 60079-0-2020
2302660	2010-09-28	Update to include alternate I/O Board with Alternate Entity Parameters, new Shunt Board option and new I.S. SPU-LINK Option.
1801583	2006-08-09	Alternate enclosure material - stainless steel enclosure
1794340	2006-05-24	Alternate construction for PSU, Backplane, I/O and Supply Boards History
1390337	2003-02-11	Update to include an additional frequency output switch and other minor alterations.
1298901	2002-03-19	Original Certification