



Certificate of Compliance

Certificate: 1607857 (LR 54227-15)

Master Contract: 173246

Project: 80081899

Date Issued: 2021-11-30

Issued To: Samson AG
Weismuellerstrasse 3. Department E8
Frankfurt, Hesse, 60314
Germany

Attention: Gert Nahler

The products listed below are eligible to bear the CSA Mark shown



Issued by: Peter Do
Peter Do

PRODUCTS

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

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Class I, Division 1, Groups ABCD T*; Class II, Division 1; Groups E, F and G; Class III:

Model 3963 Solenoid Valve, *Temperature Code T6 at ambient of +60°C, T5 at +70°C and T4 at +80°C; Type 4 Enclosure; Intrinsically safe when installed per control installation drawing EB 3963 EN.

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Div. 2, Groups A, B, C and D T*; Class II, Div 2, Groups E, F and G; Class III:

Model 3963 Solenoid Valve, input rated 6VDC/ 12 VDC/ 24 VDC, 22mA max, 20-150mW; *Temperature Code T6 at ambient of +60°C, T5 at +70°C and T4 at +80°C; Type 4 Enclosure.

Conditions of Acceptability:

Model 3963 Solenoid Valve must be installed per SAMSON AG control installation drawing EB 3963 EN.



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APPLICABLE REQUIREMENTS

CSA-C22.2 No. 25-1966	- Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
CAN/CSA-C22.2 No. 94-M91	- Special Purpose Enclosures
CSA-C22.2 No.142-M1987	- Process Control Equipment
CAN/CSA C22.2 No. 157-1992	- Intrinsically Safe and Non-incendive Equipment for Use in Hazardous Locations
CSA C22.2 No. 213-M1987	- Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CAN/CSA-E60079-0:02	- Electrical Apparatus for Explosive Atmospheres, Part 0 - General Requirements
CAN/CSA-E60079-11:02	- Electrical Apparatus for Explosive Atmospheres, Part 11 - 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, without any adjacent indicators, indicating that products have been manufactured to the requirements of Canadian Standards.

- CSA Monogram;
- Submittor identification;
- Model number;
- Serial number or date code;
- Electrical rating/Entity parameters
- Hazardous location designation;
- Reference to installation drawing number;
- The Caution: "Warning - Substitution of Components May Impair Intrinsic Safety";
- Temperature code rating
- Maximum ambient
- Certification year and Certificate number followed by an indicator 'X'



Supplement to Certificate of Compliance

Certificate: 1607857

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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
80081899	2021-11-30	Update to Report 1607857 to address (FC# 601756) FIR dated March 9, 2021
0001607857	2005-09-16	Update Report 1607857 covers Entity requirements per C22.2 No 157 and E60079-11, and Class II Supersedes CSA Report LR 54227-15 (last update LR 54227-33) - LR 54227-33: (Oct 15, 1998) Update to include Solenoid Valve Coil 1079-22xx (covered under LR 54227-26) - LR 54227-27: (Feb 27, 1997) Update to cover an upgrade to Type 4 enclosure - LR 54227-15: (Apr 21, 1992) Original Certification of Solenoid Valves Model 3963-3, I.S. and Div. 2, for Class I, Groups A-D