

Certificate of Compliance

Certificate: 1709815

Master Contract: 173246

Project: 1709815

Date Issued: October 4, 2005

Issued to: SAMSON AG
Weismullerstrasse 3
60314 Frankfurt
GERMANY

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



Issued by: E. Giusti

Authorized by: M.H.J. Hoendervangers



PRODUCTS

CLASS 2258-02 – Process Control equipment for Hazardous Locations

CLASS I, Division 1 and 2 Groups B,C,D T6...T4

CLASS II, Division 1 and 2 Groups E,F,G

CLASS III

CLASS I, Zone 1, Group IIB+H₂, T6...T4

Model 3731-.23 positioner, rated 24Vdc, output signal 4...20mA. Position indicator in option: rated 10-35Vdc, output 4...20mA. Binary output option: NAMUR type or switching contact 40Vdc/30Vdc 0,3A. Binary output option: 3...40Vdc / passive switching contact. Forced ventilation option: 3...40Vdc. Analog input option: 4...20mA.

Enclosure type 4X, IP65

Ambient temperature range -40 °C... +80 °C.

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APPLICABLE REQUIREMENTS

CSA Std C22.2 No.25-1966	Enclosures for Use in Class II, Groups , F and G Hazardous Locations
CSA Std C22.2 No.30-M1986	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CAN/CSA-C22.2 No.94-M91	Special Purpose Enclosures
CAN/CSA C22.2 610101-1-04	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements.
CAN/CSA-IEC60079-0-02	Electrical apparatus for explosive gas atmospheres - General Requirements
CAN/CSA-IEC60079-1-02	Electrical apparatus for explosive gas atmospheres - Construction and Verification test of flameproof enclosures of electrical apparatus
IEC 60529 : 1989-11	Degrees of protection provided by enclosures (IP code)

MARKINGS

- CSA Monogram
- Company name or Master Contract
- Model number
- Serial number
- CSA Certificate No : CSA.05. 1709815
- Electrical rating
- Hazardous locations designation
- Special purpose enclosure designation, "TYPE 4X"
- Max Ambient
- Temperature Code Rating A Temp. Code T..
- Caution keeping cover tight while circuits are live
- Seal not required

Warning: "Use supply wires rated at least 90°C" inside the enclosure



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
1709815	October 4, 2005	Original CSA certification for model 3731-.23 Positioner.