



Certificate of Compliance

Certificate: 2543277

Master Contract: 242690

Project: 2543277

Date Issued: October 2, 2012

Issued to: MSA AUER GmbH

Entwicklung Messtechnik
Thiemannstrasse 1
Berlin, 12059
Germany
Attention: Axel Schubert

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.



Glenn Black

Issued by: Glenn Black

PRODUCTS

CLASS 4828 82 - SIGNAL APPLIANCES-Toxic Gas Detection Instruments - For Hazardous Locations. Certified to U.S. Standards

CLASS 4828 02 - SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations

CLASS 4828 81 - SIGNAL APPLIANCES-Combustible Gas Detection Instruments - For Hazardous Location-Certified to U.S. Standards

CLASS 4828 01 - SIGNAL APPLIANCES - - Combustible Gas Detection Instruments-For Hazardous Locations

CLASS 4828 01

CLASS 4828 81

Class I, Division 1, Groups B, C and D:

The Model PrimaX P combustible gas stationary transmitter, Input rated 19.2 to 28 Vdc, 3W; Output signal 4-20mA; Relay contacts rated 30VDC, 2A; Um=60 VDC. Ambient temperature range of -40 Deg. C to



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+70Deg. C. Optional HART port provides intrinsically safe circuits with entity parameters when installed in accordance with Control Drawing DG0752044. Sensor may be fitted with SensorGard p/n 10113033.

CLASS 4828 02

CLASS 4828 82

Class I, Division 1, Groups B, C and D:

The Model PrimaX P toxic or oxygen gas stationary transmitter, Input rated 19.2 to 28 Vdc, 3W; Output signal 4-20mA; Relay contacts rated 30VDC, 2A; Um=60 VDC. Ambient temperature range of -40 Deg. C to +70Deg. C. Optional HART port provides intrinsically safe circuits with entity parameters when installed in accordance with Control Drawing DG0752044. Sensor may be fitted with SensorGard p/n 10113033.

APPLICABLE REQUIREMENTS

- CAN/CSA Std. C22.2 No. 0-M91 - General Requirements - Canadian Electrical Code, Part II
- C22.2 No.30-M1986 - Explosion-proof Enclosures for Use in Class I Hazardous Locations
- CSA Std. C22.2 No. 142-M1987 - Process Control Equipment
- CSA Std C22.2 No. 157-92 - Intrinsically Safe and Non-incendive Equipment for Use in Hazardous Locations
- UL Std No. 913 (7th ed.) - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous Locations
- UL Std No 916 – March 7, 2006 - Energy Management Equipment
- UL 1203, 4th Edition - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations



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MARKINGS

- Submitter's name, tradename and/or CSA Master Contract File No 242690;
- Model designation;
- CSA Monogram (with C/US designator);
- Serial number or date code;
- electrical rating
- Hazardous Locations designation; Class I, Division 1, Groups B, C and D.
- the symbol, [Exia]
- temperature code rating; T4
- ambient temperature rating; -40C to +70C
- The words "Optional HART port provides intrinsically safe circuits per drawing DG0752044.
- The words "class 2 power supply only".
- "Caution: To reduce the risk of ignition of hazardous atmospheres, disconnect the equipment from the supply circuit before opening. Keep assembly tightly closed when in operation."
- The words: "Conduit runs must have a sealing fitting connected within 2 inches of the enclosure."
- WARNING: READ AND UNDERSTAND INSTRUCTION MANUAL BEFORE USE
- The Words " When fitted with a combustible gas sensor, performance tested to C22.2 No. 152 and ISA 12.13.01"