

Certificate of Compliance

Certificate: 1980037

Master Contract: 239294

Project: 2444268

Date Issued: January 23, 2012

Issued to: Epro GmbH
Jöpkesweg 3
48599, Gronau
GERMANY
Attention: Herr Tasche

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



Issued by: E. Giusti
E. Giusti

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 A, B, C, D
Class II, III, Div. 1, Groups E, F, G**

Signal Converter CON 011

Ex ia T4, T6

Ambient temperature -25 °C ... +60 °C T4
-25 °C ... +57 °C T6

Enclosure IP 65, Type 4

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Signal Converter MMG 1070

Ex ia T3...T6

Ambient temperature -25 °C ... +60 °C T4, T3.
-25 °C ... +53 °C T6

Enclosure IP 65, Type 4

Class I, Division 1, Groups A, B, C, D

Signal Converters CON 021, CON 031

Ex ia T3...T4

Ambient temperature -25 °C ... +100 °C T3
-25 °C ... +72 °C T4

Signal Converter CON 041

Ex ia T3...T4

Ambient temperature -25 °C ... +85 °C T3
Ambient temperature -25 °C ... +67 °C T4

CLASS 2258-02 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations

CLASS 2258-82 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations- certified to US standards

Class I, Div. 2, Groups A, B, C, D

Class II, III Div. 2, Groups E, F, G

Ex nA II T3 ..T6

AEx nA II T3...T6

Signal Converter CON 011

Ambient temperature -25 °C ... +60 °C T4
-25 °C ... +57 °C T6

Enclosure IP 65, Type 4

Signal Converter MMG 1070

Ambient temperature -25 °C ... +60 °C T4, T3.
-25 °C ... +53 °C T6

Enclosure IP 65, Type 4

Class I, Div. 2, Groups A, B, C, D

Ex nA II T3 ..T4

AEx nA II T3...T4

Signal Converters CON 021, CON 031

Ambient temperature -25 °C ... +100 °C T3
-25 °C ... +72 °C T4

Signal Converter CON 041

Ambient temperature -25 °C ... +85 °C T3
-25 °C ... +67 °C T4

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APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-M91	General Requirements - Canadian Electrical Code, Part II
CAN/CSA-C22.2 No. 157-92	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
ANSI/UL Standard 913-2004	Intrinsically Safe Apparatus and Associated Apparatus For use in Class I, II and III, Div 1 Hazardous (Classified) locations
CAN/CSA-C22.2 No. 213-M1987	Non-Incendive Electrical Equipment for Use in Class I, Div 2 Hazardous Locations
ANSI/UL Standard 1604-1995	Standard for Electrical Equipment for use in Class I and II, Div 2, and Class III Hazardous (Classified)
CAN/CSA-E60079-15-02 (R2006)	Apparatus for Explosive Gas Atmospheres – Part 15: Type of Protection “n”
UL 60079-15 2002	Electrical Apparatus for Explosion Gas Atmospheres – Part 15: Type of Protection “n”
CAN/CSA-C22.2 No. 25-1966	Enclosures for Use in Class II Groups E, F, and G Hazardous Locations
CAN/CSA- C22.2 No. 61010-1-04	Safety requirements for Electrical equipment for Measurement control, and Laboratory Use - Part 1:General requirements
UL 61010-1	Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements

SPECIAL CONDITIONS FOR SAFE USE

The equipment shall be installed in accordance with Control Drawings No. 9200-00022n, No. 9200-00006n and 9200-00001n.

For use in zone 2 the current converters type CON 021, CON 031 and CON 041 shall be installed in an enclosure in accordance with CAN/CSA E60079-15-02 or UL 60079-15 2002.

MARKINGS

Refer to Descriptive Documents nr 24 .. 34

METHOD OF MARKING

The polyester foil adhesive label type ACE 1 SA of Schreiner group is tested for chemical resistance chemicals. The label is suitable for an ambient temperature range of -40 °C .. +125 °C.

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
1980037 Ed1	December 4, 2007	Original Certification
2204246 Ed2	October 26, 2009	Update to report 1980037 to replace marking drawing and control drawings. No tests deemed necessary.
2444268 Ed3	January 23, 2012	Update to report 1980037 to change potting material, replace enclosure material and update drawings due to obsolete components.