



# Certificate of Compliance

**Certificate:** 1399801

**Master Contract:** 151079 (LR53988)

**Project:** 70000598

**Date Issued:** June 11, 2013

**Issued to: Endress + Hauser GmbH + Co. KG**  
**Hauptstrasse 1**  
**Maulburg, Baden-Wurttemberg 79690**  
**Germany**  
**Attention: Dieter Benz**

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



**Issued by: E Giusti**  
*E Giusti*

## **PRODUCTS**

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

Ex ia IIC: Class I, Zone 0:  
Class I, Division 1, Group A, B, C and D; Type 4X Enclosure:

- FHX40 Display, rated 5.6V, 1mA. Intrinsically Safe with entity parameters per Control Drawing No. 960411-2006. Temperature Code T5. Maximum Ambient Temperature 75°C.

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

Ex nC IIC: Class I, Zone 2:  
Class I, Division 2, Group A, B, C and D; Type 4X Enclosure:

- FHX40 Display, rated 5.6V, 1mA. Non-Incendive per Control Drawing No. 960411-2006. Temperature Code T5. Maximum Ambient Temperature 75°C.

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.



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**CLASS 2252 05 - PROCESS CONTROL EQUIPMENT**

- FHX40 Display, rated 5.6V, 1mA.

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

**APPLICABLE REQUIREMENTS**

- CSA C22.2 94.1-07 - Enclosures for Electrical Equipment, Non-Environmental Considerations
- CSA C22.2 94.2-07 - Enclosures for Electrical Equipment, Environmental Considerations
- CSA Std C22.2 No. 61010-1-04 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
- CAN/CSA-C22.2 No. 157-92 - 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-E60079-0:12 - Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
- CAN/CSA-E60079-11:11 - Electrical Apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"
- CAN/CSA-E60079-15:12 - Electrical Apparatus for Explosive Gas Atmospheres - Part 15: Type of Protection "n"

**MARKINGS**

Product markings shall be in accordance with the related standards. In addition, it shall be the responsibility of the manufacturer to provide additional markings on the product to comply with the requirements of the local regulatory authorities. For example, in Canada, any caution and warning markings must be provided in French and English.

Refer to Label Drawing (Descriptive Documents Package).



## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
1399801	April 24, 2003	Original Certification.
1650634	March 11, 2005	Update to Report 1399801 to cover minor alternate construction.
2553218	September, 2012	Update to report 1399801 to cover minor modifications: Addition of an alternative supplier of the aluminum housing and alternative adhesive for the glass window / Change of the ingress protection from IP65 to IP66 / Update of the name plate and the installation drawing.
70000598	June 11, 2013	Update to report 1399801 to cover listing of class number