



# Certificate of Compliance

**Certificate:** 2622950 (200600)

**Master Contract:** 200600

**Project:** 70046586

**Date Issued:** 2015-11-12

**Issued to:** Endress + Hauser Wetzer GmbH Co. KG  
Obere Wank 1  
Nesselwang, 87484  
GERMANY  
Attention: Michael Pfanzelt

*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:** Eshwar Kashyap  
Eshwar Kashyap

## 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 U.S. Standards

**Ex ia IIC T6 Ga:**

**AEx ia IIC T6 Ga:**

**Class I, Division 1, Groups A, B, C & D:**

• Digital Field Display, Types RIA15 and ORIA15, rated 30Vdc, loop powered 4-20mA, with supply entity parameters  $U_i = 30\text{Vdc}$ ,  $I_i = 200\text{mA}$ ,  $P_i = 900\text{mW}$ ,  $C_i = 0$ ,  $L_i = 35.1\mu\text{H}$ , Intrinsically Safe when connected according to Installation Drawing XA01056K or XA010368K. Temperature codes, T6,  $T_a = -40\text{ }^\circ\text{C}$  to  $+60\text{ }^\circ\text{C}$ . Field housing is Enclosure Type 4X (Aluminium enclosure only) and IP66/67. Panel mount front is IP65 when mounted in suitable enclosure acceptable to the local authority having jurisdiction

**Special condition of safe use:**



**Certificate:** 2622950  
**Project:** 70046586

**Master Contract:** 200600  
**Date Issued:** 2015-11-12

---

The equipment must be installed such that even in the event of rare accidents, an ignition source due to impact or friction is excluded.

- CLASS 2258 03** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations
- CLASS 2258 83** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations- Certified to U.S. Standards

**Class I, Division 2, Groups A, B, C and D:**

- Digital Field Display, Types RIA15 and ORIA15, rated 30Vdc, loop powered 4-20mA. Non-Incendive when installed with Certified non-incendive associated apparatus meeting entity  $U_i / V_{max} = 30Vdc$ ;  $I_i / I_{max} = 200mA$ ,  $C_i = 0$ ,  $L_i = 35.1\mu H$  according to Installation Drawing XA01368K. Temperature codes, T6,  $T_a = -40\text{ }^\circ C$  to  $+60\text{ }^\circ C$ . Field housing is Enclosure Type 4X (Aluminium enclosure only) and IP66/67.



**Certificate:** 2622950  
**Project:** 70046586

**Master Contract:** 200600  
**Date Issued:** 2015-11-12

**APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 0-M91	General Requirements - Canadian Electrical Code, Part II
C22.2 NO. 142-M1987	Process Control Equipment
CAN/CSA-C22.2 NO. 157-92	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
C22.2 NO. 213-M1987	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CAN/CSA-C22.2 NO. 60079-0:11	Explosive atmospheres - Part 0: Equipment - General requirements
CAN/CSA-C22.2 NO. 60079-11:11	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
CAN/CSA-C22.2 No. 60529:05	Degrees of protection provided by enclosures (IP Code)
UL 916:2007	Energy Management Equipment
ANSI/ISA-12.12.01-2013	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III Divisions 1 and 2 Hazardous (Classified) Locations
ANSI/UL 60079-0:2013	Explosive atmospheres - Part 0: Equipment - General requirements
ANSI/UL 60079-11:2013	Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety 'i'
ANSI/IEC 60529:2004	Degrees of Protection Provided by Enclosures (IP Code)



## *Supplement to Certificate of Compliance*

**Certificate:** 2622950 (200600)

**Master Contract:** 200600

*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

---

<b>Project</b>	<b>Date</b>	<b>Description</b>
70046586	2015-11-12	Update to include IP67 markings, revisions to the non-incendive listing and the inclusion of US standards.
70021867	2015-01-29	Update to include a new non-metallic enclosure and new circuitry based on the assessment conducted within IECEx PTB 12.0048X Issue 1.
2622950	2013-09-30	Model RIA15 and ORIA15 loop powered current display modules; Intrinsically safe for Class I, Groups A, B, C and D and Ex ia IIC.