



Member of the FM Global Group

FM Approvals  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

**RIA141- abcdeA. Digital Field Display.**

XP / I / 1 / ABCD / T6 Ta = 60°C — 02 15 00 113, Type 4X, IP67;  
DIP / II, III / 1 / EFG / T6 Ta = 60°C — 02 15 00 113, Type 4X, IP67;  
NI / I / 2 / ABCD / T\* — 02 15 00 111; NIFW, Type 4X, IP67;  
S / II, III / 2 / EFG / T\* — 02 15 00 111; NIFW, Type 4X, IP67

\*See control drawing for detail on temperature class.

**Nonincendive Field Wiring Parameters:**

Current Input	V <sub>max</sub>	I <sub>max</sub>	P <sub>i</sub>	C <sub>i</sub>	L <sub>i</sub>
Terminals	(V)	(mA)	(W)	(ηF)	(mH)
Active (+ and -)	35	200	1.75	0	0
Passive (+, 1, and -)	35	200	1.75	0	0
2 and 3	35	100	0.875	0	0

- a = Approval: C.
- b = Housing: 1 or 2.
- c = Cable Entry: A, (B, or C for NI only).
- d = Mounting bracket: 1 or 2.
- e = Additional features: 1, 2, or K.



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## Equipment Ratings:

Nonincendive use in Class I, Division 2, Groups A, B, C, & D and Class II & III, Division 2, Groups A, B, C, & D indoor/ outdoor hazardous (classified) locations, utilizing Type 4X and IP67 enclosure with nonincendive field wiring connections to Class I, II, III, Division 2, Group A, B, C, D, F and G hazardous (classified) locations, in accordance with control drawings 02 14 00 111. See control drawing for temperature class.

AND

Explosionproof for use in Class I, Division 1, Group A, B, C and D; Dust-Ignitionproof for use in Class II, III, Division 1, Group E, F and G indoor/ outdoor hazardous (classified) locations, utilizing Type 4X and IP67 enclosure , in accordance with control drawings 02 14 00 113. Temperature Class T6 Ta = 60°C

## FM Approved for:

Endress & Hauser Wetzer GmbH + Co.KG  
Obere Wank 1  
D-87484 Nesselwang  
Germany



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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	1998
Class 3810	1989
Class 3615	1989
Class 3611	2004

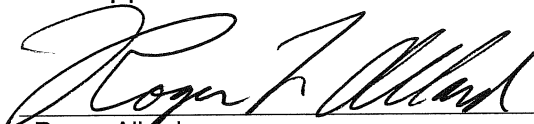
Original Project ID: 3022346

Approval Granted: July 28, 2005

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
060419	MAY 15, 2006		

FM Approvals LLC

  
 Roger Allard  
 Assistant Vice President

MAY 15, 2006  
 Date