



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:

RN 221 N-Ca. Transmitter-Power Supply.

AIS/ I, II, III / 1 / ABCDEFG - 02 02 00 111; Entity;
I/O [AEx ia] IIC – 02 02 00 111; Entity;
ANI / I, II, III / 2 / ABCDEFG - 02 02 00 111; NIFW;

Entity/Nonincendive Field Wiring Parameters:

Voc = 27.3 Vdc, Isc = 87.6 mA, Po = 0.597 W, Ca = 86 nF, La = 2.9 mH

a = Power supply 1, 3, K or L.

Specific Condition of use:

The equipment shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.

Equipment Ratings:

Associated Intrinsically Safe Apparatus with intrinsically safe connections for Class I, II and III, Division 1, applicable Groups A, B, C, D, E, F and G; Class I, Zone 0 [AEx ia] IIC hazardous (classified) locations per "Entity" requirements in accordance with installation drawing 02 02 00 111. Associated Nonincendive Apparatus for connection to Class I, II and III, Division 2, Groups A, B, C, D, E, F and G when installed in accordance with Nonincendive Field Wiring requirements and control drawing 02 02 00 111.

FM Approved for:

Endress+Hauser Wetzler GmbH + Co. KG
Nesselwang, Germany



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

Class 3600	1998
Class 3610	2010
Class 3611	2004
Class 3810	1989
Including Supplement #1	1995
ANSI/ISA 60079-0	2009
ANSI/ISA 60079-11	2009

Original Project ID: 3007835

Approval Granted: October 4, 2002

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3023704	June 8, 2005		
061121	November 22, 2006		
3042808	October 4, 2011		

FM Approvals LLC

J. E. Marquedant
Group Manager, Electrical

4 October 2011
Date