



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:

iTEMP TMT 18a. Headtransmitter.

IS / I / 1 / ABCD/T4 Ta = 85°C -14 05 00 111;Entity; I / 0 / AEx ia/IIC/T4 Ta = 85°C -14 05 00 111; Entity;
NI / I / 2 / ABCD/T4 Ta = 85°C

Maximum Input Entity Parameters:

Table with 6 columns: Groups, Vmax (V), Imax (mA), Pi (mW), Ci (uF), Li (mH). Row 1: Terminals 1(+) and 2 (-), A/B, 30, 100, 750, 0, 0.

Maximum Output Entity Parameters:

Table with 6 columns: Groups, Voc (V), Isc (mA), Po (mW), Ca (nF), La (mH). Row 1: Terminals 3, 4, 5, and 6, A/B, 8.2, 4.5, 9.36, 974, 4.5.

a = Configuration 1, 7, or 8.

Specific Condition of uses:

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

Equipment Ratings:

Intrinsically Safe for use in Class I, Division 1, Groups A, B, C, and D and Class I, Zone 0, AEx ia Group IIC temperature classification T4 indoor Hazardous (Classified) Location; and Nonincendive for use in Class I, Division 2, Groups A,B,C, and D temperature classification T4 indoor Hazardous (Classified) Location.

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
ANSI/ISA 60079-0	2009
ANSI/ISA 60079-11	2009

Original Project ID: 3005591

Approval Granted: August 16, 2000

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3009729	January 30, 2001		
3042808	October 4, 2011		

FM Approvals LLC

J. E. Marquedant
Group Manager, Electrical

4 October 2011
Date