

Member of the FM Global Group

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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

iTEMP TMT 18a. Headtransmitter.

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

٨	/laximum	Input	Entity	Parameters:

, ,	Groups	Vmax (V)	Imax (mA)	Pi (mW)	Ci (μF)	Li (mH)				
Terminals 1(+) and 2 (-)	A/B	30	100	750	0	0				
Maximum Output Entity Parameters:										
		Voc	Isc	Po	Ca	La				
	Groups	(V)	(mA)	(mW)	(nF)	(mH)				
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 Wetzer 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

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FM Approvals LLC

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4 October 2011

Date