



FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

iTEMP type TMT 12abcde. Temperature Transmitters.

IS / I / 1 / ABCD / T4 Ta = 85°C – 14 10 01 111, Entity; NI / I / 2 / ABCD / T5 Ta = 85°C;

I / 0 / AEx ia IIC T4 Ta = 85°C – 14 10 01 111, Entity

Entity Parameters:

V_{max} = 30 V, I_{max} = 100 mA, P_i = 0.75 W, C_i = 0, L_i = 0

a = Type: 1, 7, or 8.

b = Connection: 1,2,3,4, or A.

c = Sensor: 1,2,3,4,5,6,A,B,C,D,E,J,K,L,N,R,S,T, or U.

d = Setup: A,B,C, or D.

e = Model: A or B.

Special Conditions for Use:

1. Shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.
2. The TMT 181A interface module must be used when configuring the transmitter in the field.

iTEMP type TMT 122abcd. Temperature Transmitters.

IS / I / 1 / ABCD / T4 Ta = 85°C – 14 14 01 111, Entity; NI / I / 2 / ABCD / T5 Ta = 85°C;

I / 0 / AEx ia IIC T4 Ta = 85°C – 14 14 01 111, Entity

Entity Parameters:

V_{max} = 30 V, I_{max} = 100 mA, P_i = 0.75 W, C_i = 0, L_i = 0

a = Connection: 1,2,3,4, or A.

b = Sensor: 1,2,3,4,5,6,A,B,C,D,E,J,K,L,N,R,S,T, or U.

c = Setup: A,B,C, or D.

d = Model: A or B.

Special Conditions for Use:

1. Shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.



Equipment Ratings:

Intrinsically Safe Class I, Division 1, Groups A, B, C, & D; Class I, Zone 0, AEx ia IIC T4 Ta = 85°C, in accordance with Entity requirements and Control Drawings 14 10 01 111 & 14 14 01 111; and Nonincendive Class I, Division 2, Groups A, B, C, & D T5 Ta = 85°C; indoor locations.

Approved for:

ENDRESS & HAUSER WETZER GMBH + CO.KG
OBERE WANK 1
D-87481 NESSELWANG GERMANY



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

Class 3600	1998
Class 3810	1989
Class 3610	1999
Class 3611	1999
ANSI/ISA S82.01	1994

Original Project ID: 3012277

FM Approval Granted: August 13, 2002

Subsequent Revision Reports / Date FM Approval Amended

FM Global Technologies LLC

A handwritten signature in cursive script, reading "David W. Styrcula", written over a horizontal line.

David W. Styrcula
Technical Team Manager

8/14/02
Date