



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:

TA2-Aab0-cde / Tfg-hiA-j. Enhanced Thermal Transmitters (Insertion).

XP/I/1/BCD/T6 Ta = -40°C to +70°C; T5 Ta = -40°C to +80°C

DIP/II,III/1/EFG/T6 Ta = -40°C to +70°C; T5 Ta = -40°C to +80°C

NI/I/2/ABCD/T4 Ta = -40°C to +80°C

S/II/2/EFG/T4 Ta = -40°C to +80°C

S/III/1/T4 Ta = -40°C to +80°C

Type 4X; IP66

a = Signal output 0, 1, 2, or 4.

b = Display 0 or B.

c = Calibration 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9.

d = Housing location/agency approval 3 or 4.

e = Enclosure type 0 or 1.

f = Measurement E or M.

g = Sensor type R, S or U.

h = Materials A or B.

i = Process connection 00, 01, 02, 03, 04, 05, 06, 11, 21, 22, 23, 24, 33, 34, 43, 44, BA, BB, CA, CB, DA or DB.

j = Insertion length in tenth of inch increments if f = E or in cm increments if f = M (max 3 digits).

TA2-Aab0-cde / TFT-fghi-000. Enhanced Thermal Transmitters (Inline).

XP/I/1/BCD/T6 Ta = -40°C to +70°C; T5 Ta = -40°C to +80°C

DIP/II,III/1/EFG/T6 Ta = -40°C to +70°C; T5 Ta = -40°C to +80°C

NI/I/2/ABCD/T4 Ta = -40°C to +80°C

S/II/2/EFG/T4 Ta = -40°C to +80°C

S/III/1/T4 Ta = -40°C to +80°C

Type 4X; IP66

a = Signal output 0, 1, 2 or 4.

b = Display 0 or B.

c = Calibration A, B, C, D, E, F, G, H, J or K.

d = Housing location/agency approval 3 or 4.

e = Enclosure type 0 or 1.

f = Materials 1, A or B.

g = Size 0, 1, 2, 3, 4, 5, 6, A, B, C, D, E, F or Z.

h = Process connection 1, 2, 3, 4, A or B.

i = Flow conditioner A or B.

Equipment Ratings:

Explosionproof for Class I, Division 1, Groups B, C and D; Dust-ignitionproof for Class II/III, Division 1, Groups E, F and G; Non-incendive for Class I, Division 2, Groups A, B, C and D; Suitable for Class II, Division 2, Groups E, F and G; and for Class III, Division 1 hazardous (classified) locations, indoors and outdoors (Type 4X and IP66).

FM Approved for:

Magnetrol International Inc.
Downers Grove, IL, USA



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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	2011
Class 3615	2006
Class 3810	2005
ANSI/NEMA 250	2003
ANSI/IEC 60529	2004
Class 3611	2004

Original Project ID: 3038312

Approval Granted: August 27, 2010

Subsequent Revision Reports / Date Approval amend

Report Number	Date	Report Number	Date
3045198	August 7, 2012		

FM Approvals LLC

J.E. Marquedant
Group Manager, Electrical

7 August 2012

Date