



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:

662a-b-c-d-e-f-g-hi. Temperature Transmitter

XP / I / 1 / ABCD / T6 Ta = -40°C to 55°C; T5 Ta = -40°C to 70°C; T4 Ta = -40°C to 85°C – M009302;
DIP / II, III / EFG / T6 Ta = -40°C to 55°C; T5 Ta = -40°C to 70°C; T4 Ta = -40°C to 85°C – M009302;
XP / I / 1 / IIC T6 Ta= -40°C to 55°C; T5 Ta= -40°C to 70°C; T4 Ta= -40°C to 85°C - M009302; Type 4X;
IP66, IP67

IS / I / 1 / ABCD T4 Ta = -40°C to 85°C - M009202, Entity;

NI / I / 2 / ABCD / T4 Ta = -40°C to 85°C - M009202, NIFW;

I / 0 / AEx ia IIC / T4 Ta = -40°C to 85°C - M009202, Entity; Type 4X; IP66, IP67

Entity / Nonincendive Field Wiring Parameters:

Vmax = 30V, Imax = 300mA, Pi = 1W, Ci = 5.3nF, Li = 0

Voc = 7.6V, Isc = 29.3mA, Po = 55.6mW, Ca = 10.4µF, La = 40mH

a = Certification C or F

b = Display option T or D

c = Configuration input 00, 21, 22, 23, 2T, 31, 32, 33, 3T, 41, 4T, T1 or TT

d = Sensor Input Channel 1 not safety relevant

e = Sensor Input Channel 2 not safety relevant

f = Input Setups 0, A, C, D or E

g = Failure Mode not safety relevant

h = Range not safety relevant

i = Unit of measure not safety relevant

Equipment Ratings:

Explosionproof for Class I, Division 1, Groups A, B, C and D and Class I, Zone 1, Group IIC; Dust

Ignitionproof for Class II, III, Division 1, Groups E, F and G; Intrinsically Safe for use in Class I, Division 1, Groups A, B, C and D and Class I, Zone 0, Group IIC; Nonincendive for use in Class I, Division 2, Groups A, B, C and D hazardous (classified) indoor / outdoor (Type 4X, IP66, IP67) locations.

FM Approved for:

Pyromation Incorporated
Fort Wayne IN 46825

To verify the availability of the Approved product, please refer to www.approvalguide.com
FM Approvals HLC 5/13 3052431