

FM Approvals
1151 Boston Providence Turnpike
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

PMC21-FAabcdef Pressure Transmitter

IS / I / 1 / ABCD / T4 -40°C < Ta < 70°C; Entity XA01321P-A, Type 4X, 6P, IP65/66/67/68
I / 0 / Ex ia IIC T4 -40°C < Ta < 70°C; Entity XA01321P-A, Type 4X, 6P, IP65/66/67/68
Ui ≤ 30Vdc, Ii ≤ 100mA, Pi ≤ 0.8W, Li = 0mH, Ci ≤ 11.6nF

a = Output; 1 (4-20mA)
b = Electrical Connection; A (Cable 5m), B (Cable 10m), C (Cable 25m), M (Plug M12), U (Valve M16), V (Valve NPT1/2)
c = Pressure Range; 2 digits
d = Calibration units; 1 digit
e = Process Connection; 3 digits
f = Seal; 1 digit

PMP21-FAabcde Pressure Transmitter

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a = Output; 1 (4-20mA)
b = Electrical Connection; A (Cable 5m), B (Cable 10m), C (Cable 25m), M (Plug M12), U (Valve M16), V (Valve NPT1/2)
c = Pressure Range; 2 digits
d = Calibration units; 1 digit
e = Process Connection; 3 digits

PMP23-FAabcde Pressure Transmitter

IS / I / 1 / ABCD / T4 -40°C < Ta < 70°C; Entity XA01321P-A, Type 4X, 6P, IP65/66/67/68
I / 0 / Ex ia IIC T4 -40°C < Ta < 70°C; Entity XA01321P-A, Type 4X, 6P, IP65/66/67/68
Ui < 30Vdc, Ii < 100mA, Pi < 0.8W, Li = 0mH, Ci < 11.6nF

a = Output; 1 (4-20mA)
b = Electrical Connection; A (Cable 5m), B (Cable 10m), C (Cable 25m), M (Plug M12), N (Plug M12 metal), U (Valve M16), V (Valve NPT1/2)

c = Pressure Range; 2 digits
d = Calibration units; 1 digit
e = Process Connection; 3 digits

Equipment Ratings:

Intrinsically Safe for Class I, Division 1, Groups A, B, C and D hazardous (classified) locations in accordance with drawing XA01321P-A, Intrinsically Safe for Class I, Zone 0, Group IIC hazardous (classified) locations; a temperature rating of T4 with an ambient temperature range of -40°C to +70°C and an Ingress protection level of Type 4X, 6P / IP65, 66, 67, 68.

FM Approved for:

Endress+Hauser GmbH+Co KG
Maulburg, Germany

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

Class 3600	2011
Class 3610	2010
Class 3810	2005
ANSI/ISA 61010-1	2004
ANSI/ISA 60079-0	2013
ANSI/ISA 60079-11	2014
ANSI/ISA NEMA 250	2008
ANSI/IEC 60529	2004


Original Project ID: 3055313

Approval Granted: September 8, 2015

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3055313-1	September 22, 2015		

FM Approvals LLC



J.E. Marquedant
Manager of Electrical Systems

22 September 2015

Date