



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:

### **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)

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)



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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



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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 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*

J.E. Marquedant  
Manager of Electrical Systems

22 September 2015

Date