



Member of the FM Global Group

FM Approvals
1151 Boston Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA
T: 781 762 4300 F: 781-762-9375 www.fmapprovals.com

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

PMD55-FBbcdDfghiklmn+opqrstuv Deltabar M Differential Pressure Transmitter

XP / I / 1 / ABCD / T6 Ta = -40°C to 75°C, T6 Ta = -50°C to 75°C;

XP / I / 1 / IIC / T6 Ta = -40°C to 75°C, T6 Ta = -50°C to 75°C;

NI / I / 2 / ABCD / T6 Ta = -40°C to 40°C, T4 Ta = -40°C to 70°C, T6 Ta = -50°C to 40°C,
T4 Ta = -50°C to 70°C;

DIP / II, III / 1 / EFG / T6 Ta = -40°C to 40°C, T4 Ta = -40°C to 70°C, T6 Ta = -50°C to 40°C,
T4 Ta = -50°C to 70°C; Type 4X/6P.

DUAL SEAL

b = Electronics: 1, 2, 3, or 4.

c = Display: 1 or 2.

d = Enclosure: A, B, E, or F.

f = Nominal Pressure: any single letter/number combination.

g = Sensor Pressure Range: any dual letter/number combination.

h = Accuracy: any single letter or number.

i = Calibration Units: any single letter or number.

k = Process Connection: any triple letter/number combinations representing standard industrial process connections

l = Material Diaphragm: any single letter or number.

m = Fill oil: any single letter or number.

n = Sealing: any single letter or number.

o = Language: any dual letter or none.

p = Calibration: any dual letter/number combination or none.

q = Service: any dual letter/number combination or none.

r = Test Protocol: any dual letter/number combination or none.

s = Option does not affect FM Approval.

t = Option does not affect FM Approval.

u = Accessories Enclosed: any dual letter/number combination or none.

v = Software Version: any dual letter/number combination or none.

To assure that this Approval is still valid, please refer to www.approvalguide.com

PMP51-FBbcdDfghiki+mnoptu Cerabar M Pressure Transmitter

XP / I / 1 / ABCD / T6 Ta = -40°C to 75°C, T6 Ta = -50°C to 75°C;

XP / I / 1 / IIC / T6 Ta = -40°C to 75°C, T6 Ta = -50°C to 75°C,

NI / I / 2 / ABCD / T6 Ta = -40°C to 40°C, T4 Ta = -40°C to 70°C, T6 Ta = -50°C to 40°C,

T4 Ta = -50°C to 70°C;

DIP / II, III / 1 / EFG / T6 Ta = -40°C to 40°C, T4 Ta = -40°C to 70°C, T6 Ta = -50°C to 40°C,

T4 Ta = -50°C to 70°C;

Type 4X/6P.

SINGLE SEAL

b = Electronics: 1, 2, 3, or 4.

c = Display: 1 or 2.

d = Enclosure: I or J.

f = Pressure Range: any dual letter/number combination.

g = Accuracy: any single letter or number.

h = Calibration Units: any single letter or number.

i = Process Connection: any triple letter/number combinations representing standard industrial process connections.

k = Material Diaphragm: any single letter or number.

l = Fill oil: any single letter or number.

m = Language: any dual letter or none.

n = Calibration: any dual letter/number combination or none.

o = Service: any dual letter/number combination or none.

p = Test Protocol: any dual letter/number combination or none.

q = Option does not affect FM Approval.

r = Separate housing: none.

s = Accessories, mounted: none.

t = Accessories Enclosed: any dual letter/number combination or none.

u = Software Version: any dual letter/number combination or none.

PMP55-FBbcdDfghiki+mnoptu Cerabar M Pressure Transmitter

XP / I / 1 / ABCD / T6 Ta = -40°C to 75°C, T6 Ta = -50°C to 75°C;

XP / I / 1 / IIC / T6 Ta = -40°C to 75°C, T6 Ta = -50°C to 75°C;

NI / I / 2 / ABCD / T6 Ta = -40°C to 40°C, T4 Ta = -40°C to 70°C, T6 Ta = -50°C to 40°C,

T4 Ta = -50°C to 70°C;

DIP / II, III / 1 / EFG / T6 Ta = -40°C to 40°C, T4 Ta = -40°C to 70°C, T6 Ta = -50°C to 40°C,

T4 Ta = -50°C to 70°C;

Type 4X/6P.

SINGLE SEAL

b = Electronics: 1, 2, 3, or 4.

c = Display: 1 or 2.

d = Enclosure: I or J.

f = Pressure Range: any dual letter/number combination.

g = Accuracy: any single letter or number.

h = Calibration Units: any single letter or number.

i = Process Connection: any triple letter/number combinations representing standard industrial process connections.

k = Material Diaphragm: any single letter or number.

l = Fill oil: any single letter or number.

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m = Language: any dual letter or none.
n = Calibration: any dual letter/number combination or none.
o = Service: any dual letter/number combination or none.
p = Test Protocol: any dual letter/number combination or none.
q = Option does not affect FM Approval.
r = Separate housing: none.
s = Accessories, mounted: none.
t = Accessories Enclosed: any dual letter/number combination or none.
u = Software Version: any dual letter/number combination or none.

Equipment Ratings:

Explosionproof for use in Class I, Division 1, Groups A, B, C and D; Flameproof for Class I, Zone 1, Group IIC, dust-ignitionproof for Class II, Division 1, Groups E, F and G; Class III; Non-incendive for Class I, Division 2, Groups A, B, C and D hazardous (classified) locations; with an indoor/outdoor environmental rating of Type 4X/6P.

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 3615	2006
Class 3810	2005
Class 3611	2004
ANSI/NEMA 250	1991
ANSI/ISA 12.27.01	2011

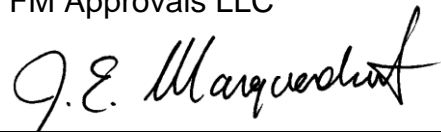
Original Project ID: 3035207

Approval Granted: April 28, 2009

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3037304	November 16, 2009		
3041514	January 12, 2011		
3049915	April 7, 2014		

FM Approvals LLC



J. E. Marquedant
Group Manager, Electrical

7 April 2014

Date

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