



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

Member of the FM Global Group

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

Model V157 abcdefghijklmnopqrst. 2010TD and 2010TA Differential and Absolute Pressure Transmitter.

XP/I /1 /ABCD / T6 Ta = 75°C; DIP / II,III /1 /EFG/T6Ta=75°C; Type 4X

a = Type 12 (Transmitter 2010TD Differential Transmitter) or 13(Transmitter 2010TA Absolute Transmitter).

b = Communication P, F, H or S.

c = Ranges(dp/pabs) A, B, C, D, E, G, M or N.

d = Ranges pabs-sensor(second value only with 2010TD) 0 or 1.

e = Measuring Sensor A, B, E, K,N or T.

f = Process Flange(HP and LP sides identical) 1, 2, 3, 7, 8, 9, A, B, C, D, E, F, G or H.

g = Process connection A, B, C, D or E.

h = Bolts, flange O-rings 6, 7, 8 or 9.

j = Amplifier Housing D, E, J, K, L or M.

k = Function 5C9 or 224.

l = Amplifier Housing Accessories 5C2, 5C4, 5C5 or 5C6.

m = Explosion protection 5A2.

n = Oxygen Measurement 179.

o = Brackets 142 or 144.

p = Vent/drain plugs 395 or 396.

q = Flange adapters 375, 376, 377 or blank.

r = Tag No.5C8.

s = Instruction manual Z2D or Z2E.

t = Material certification 530, 531, 532, 533, 534, 535, 536, 537 or 150.

Model V157 abcdefghijklmnop. 2020TG and 2020TA Gage Pressure, level and Absolute Pressure Transmitters.

XP/I /1 /ABCD / T6 Ta = 75°C; DIP / II,III /1 /EFG/T6Ta=75°C; Type 4X

a = Type 53 (Transmitter 2020TG Gage Pressure) or 54(Transmitter 2010TA Absolute Pressure).

b = Communication P, F, H or S.

c = Measuring Ranges D, F, G, H, M or O.

d = Not part of FM Approval

e = Measuring Sensor (ranges 2.5 up to 600bar) 4, 5, 6, A, B, C, D, E, F or G.

f = Material Process connection A or B.

g = Process connection A, B, C, D, E, F or G.

h = Amplifier Housing D, E, F, J, K, L, M or N.

j = Function 5C9.
 k = Explosion protection 5A2.
 l = Oxygen Measurement 179.
 m = Brackets 142 or 144.
 n = Tag No.5C8.
 o = Instruction manual Z2D or Z2E.
 p = Certificates 530, 531, 532, 533, 534, 535, 536, 537 or 150.

Model V157 abcdefghijklmnopqrs. 2010TC Differential Pressure and Temperature Transmitter.

XP/I /1 /ABCD / T6 Ta = 75°C; DIP / II,III /1 /EFG /6Ta=75°C; Type 4X

a = Type 14.
 b = Communication P, F, H, M or K.
 c = Measuring ranges dp A, B, C, D, E, F or G.
 d = Measuring ranges pabs-sensor (rated pressure) 2, 3, 4 or 5.
 e = Measuring sensor A, B, E, K, N or T.
 f = Process Flange, HP and LP sides identical J, L or M.
 g = Process Connection A, B, C or D.
 h = Bolts/Flange o-rings 6, 7, 8 or 9.
 j = Amplifier housings D, E, J, K, L or M.
 k = Function S00 or 5C9.
 l = Explosion protection 5A2.
 m = Oxygen measurement 179.
 n = Mounting bracket 142 or 144.
 o = Vent/Drain plugs 395 396.
 p = Flange adapter 377.
 q = Tag no. 5C8.
 r = Operating Manual Z2D or Z2E.
 s = Certificates 530, 531, 532, 533, 534, 535, 536, 537 or 150.

Model 26abcdefghijklmnopqrstzazbzczfzhzlmzpzqzsztv.. 2600T Differential and Absolute Pressure Transmitter.

XP/I /1 /ABCD / T6 Ta = 75°C; DIP / II,III /1 /EFG/T6Ta=75°C; Type 4X

a = Performance 3 or 5.
 b = Measure type and construction D, J or V.
 c = Application C, R or S.
 d = Upper range limits A, C, F, L, N, R or Y
 e = Static pressure range M, Y, C, Z or T.
 f = Transducer diaphragm and fluid S, K, M, V, T, A, F, C Y or D.
 g = Flange material and connection A, C, B, D, F, E, G, L, H, Q or P.
 r = Bolts and gaskets 3, 4, 5 or 6.
 s = Electronic housings A, B, S, T, J or 1.
 t = Communication 1, 2, 3, F, H, or P.
 za = Accessories A1, A2, A3.
 zb = Bracket B2, B4.
 zc = Certificates C1, C2, C3, C4, C5, C6, C7 and EB.
 zf = Flushing ring F1.
 zh = Material Traceability H1, H2 or H3.
 zl = LCD L1.
 zm = Operating manuals M1, M2, M3 or M4.
 zp = Preparations P1, P2, P3 or P4.
 zq = Seal side Q1 or Q2.
 zs = Surge S1.
 zt = Label and tag language T9.
 zv = Drain vent valves V1, V2, V3, V3, V4, V5, V6, V7, V8 or V9.



Member of the FM Global Group

Model 26abcdehstzazbzczfzhzlmzpzqzstzv.. 2600T Gage Pressure, level and Absolute Pressure Transmitters.

XP/I /1 /ABCD / T6 Ta = 75°C; DIP / II,III /1 /EFG/T6 Ta=75°C; Type 4X

- a = Performance 3 or 5.
- b = Measure type and construction A or G.
- c = Application C, R or S.
- d = Upper range limits L, R, U, D or V.
- e = Static pressure range S.
- f = Transducer diaphragm and fluid S, K, G, N, A, F, E or Z.
- h = Connection material and type B, T, P, V, U, S, E, K, D, Y, R, H or G.
- i = Connection gasket N.
- s = Electronic housings A, B, S, T, J or 1.
- t = Communication 1, 2, 3, F, H, or P.
- za = Accessories A1, A2, A3.
- zb = Bracket B2, B4.
- zc = Certificates C1, C2, C3, C4, C5, C6, C7 and EB.
- zf = Flushing ring F1.
- zh = Material Traceability H1, H2 or H3.
- zl = LCD L1.
- zm = Operating manuals M1, M2, M3 or M4.
- zp = Preparations P1, P2, P3 or P4.
- zq = Seal side Q1 or Q2.
- zs = Surge S1.
- zt = Label and tag language T9.
- zv = Drain vent valves V1, V2, V3, V3, V4, V5, V6, V7, V8 or V9.

Model 26abcdegrstzazbzczfzhzlmzpzqzstzv. 2600T Differential Pressure and Temperature Transmitter.

XP/I /1 /ABCD /T6 Ta = 75°C; DIP / II,III /1 /EFG /T6 Ta=75°C; Type 4X

- a = Performance 7 or 9.
- b = Measure type and construction C
- c = Application C, R or S.
- d = Upper range limits A, C, F, L, N, R or Y
- e = Static pressure range 1, 2, 3 or 4.
- f = Transducer diaphragm and fluid S, K, M, V, T, A, F, C Y or D.
- g = Flange material and connection A, C, B, D, F, E, G, L, H, Q or P.
- r = Bolts and gaskets 3, 4, 5 or 6.
- s = Electronic housings A, B, S, T, J or 1.
- t = Communication 1, 2, 3, 5, 6, F, H, P, M or N.
- za = Accessories A1, A2, A3.
- zb = Bracket B2, B4.
- zc = Certificates C1, C2, C3, C4, C5, C6, C7 and EB.
- zf = Flushing ring F1.
- zh = Material Traceability H1, H2 or H3.
- zl = LCD L1.
- zm = Operating manuals M1, M2, M3 or M4.
- zp = Preparations P1, P2, P3 or P4.
- zq = Seal side Q1 or Q2.
- zs = Surge S1.
- zt = Label and tag language T9.
- zv = Drain vent valves V1, V2, V3, V3, V4, V5, V6, V7, V8 or V9.

Equipment Ratings:

All the above listed equipment is approved as Explosionproof for Class I, Division 1, Groups A, B, C and D with a Temperature Code of T6 for an ambient temperature of 75°C and Dust-ignitionproof for Class II, III, Division 1, Groups E, F and G with a Temperature code of T6 for an ambient temperature of 75°C; Hazardous (classified) locations Indoors/outdoors Type 4X.

FM Approved for:

ABB Automation Products GmbH
SchillerstraSse 72
D-23425 Minden, Germany

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

Class 3600	1998
Class 3615	1989
Class 3810	2005
ANSI/NEMA 250	1991

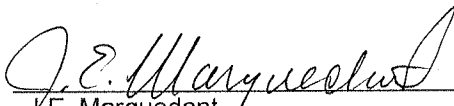
Original Project ID: 3005278

Approval Granted: October 2, 2001

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3015142	August 5, 2002		
040119	February 9, 2004		
061004	November 30, 2006		
090602	<i>June 5, 2009</i>		

FM Approvals LLC



J.E. Marquedant
Group Manager, Electrical

5 June 2009

Date