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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

**26abcdefghijklmnpqrstu. 2600T Series Pressure Transmitter.**

IS / I, II, III / 1 / ABCDEFG / T\* - DH0038; Entity  
 I / 0 / AEx ia IIC / T\* - DH0038; Entity; Type 4X (For communication options 1 or H)  
 IS / I, II, III / 1 / ABCDEFG / T\*\* - DH3024; Entity  
 I / 0 / AEx ia IIC / T\* - DH3024; Entity; Type 4X (For communication options 4 or S)  
 IS / I, II, III / 1 / ABCDEFG / T\* - DH3017; Entity  
 I / 0 / AEx ia IIC / T\* - DH3017; Entity; Type 4X (For communication options 2, 3, F or P)  
 IS / I, II, III / 1 / ABCDEFG / T\*\* - DH3106; Entity  
 I / 0 / AEx ia IIC / T\* - DH3106; Entity; Type 4X (For communication options 8 or T)  
 XP / I / 1 / ABCD / T6, DIP / II, III / EFG / T6, Type 4X (For all communication options before listed 8 and T included)  
 NI / I / 2 / ABCD / T\* - DH0038; S / II, III / 2 / FG / T\* (For communication options 1 or H)  
 NI / I / 2 / ABCD / T\*\* - DH3024; S / II, III / 2 / FG / T\*\* (For communication options 4 or S)  
 NI / I / 2 / ABCD / T\*\* - DH3017; S / II, III / 2 / FG / T\*\* (For communication options 2, 3, F or P)  
 NI / I / 2 / ABCD / T\*\* - DH3106; S / II, III / 2 / FG / T\*\* (For communication options 8 or T)  
 Entity and Nonincendive Field Wiring Parameters for digit t = communications options 1 or H: See control drawing DH0038  
 Entity and Nonincendive Field Wiring Parameters for digit t = communications options 4 or S: See control drawing DH3024  
 FISCO Parameters for digit t: communications options 2, 3, F or P. See control drawing DH3017:  
 Entity and Nonincendive Field Wiring Parameters for digit t = communications options 8 or T: See control drawing DH3106

**Table for 262...or 264.... With digit t = communications options 1 or H**

T**				
Temp class	Lower limit of ambient temperature	Upper limit of ambient temperature	I max [mA]	Pi [W]
T4	-40°C	+85°C	100	0.75
T4	-40°C	+70°C	160	1
T5	-40°C	+40°C	100	0.75
T6	-40°C	+40°C	50	0.4

**Table for 268.... With digit t = communications options 4 or S**

T**				
Temp class	Lower limit of ambient temperature	Upper limit of ambient temperature	I max [mA]	Pi [W]
T4	-40°C	+85°C	100	0.75
T5	-40°C	+40°C	100	0.75

**Table for 268.... With digit t = communications options 8 or T**

T**					
Temp class	Lower limit of ambient temperature	Upper limit of ambient temperature	Max surf. Temp for dust	I max [mA]	Pi [W]
T4	-50°C	+85°C	+95°C	100	0.75
T4	-50°C	+70°C	+95°C	160	1
T5	-50°C	+40°C	+50°C	100	0.75
T6	-50°C	+40°C	+50°C	50	0.4

- a = performance: 2, 4 or 8.
- b = measure type and construction: A, B, D, H, G, J, N, P or V (for options A & G see note 2).
- c = application: C, D, E, F, G, J, H, L, M, P, R\*, S, T or V (for option F see note 1).
- d = upper range limits: A, B, C, D, E, F, G, H, L, M, N, P, Q, R, S, T, U, V, W or Z (for options C & F see note 2).
- e = static pressure range: 1, 2, 3, 4, C, M, S, T, Y or Z.
- f = TR: diaphragm & fluid: A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R, S, T, U, V, W, Y, Z, 1, 2, 3, 4, 5, 6, 7, 8 or 9.
- g = flange material & connection: A, B, C, D, E, F, G, H, L, M, N, P, Q, R, S, T, U, V or Z.
- h = connection material & type: A, B, C, D, E, F, G, H, K, M, N, P, Q, R, S, T, U, V, W, Y, Z, 1, 2 or 3.
- i = connection gasket: 5, 6, 8 or N.
- j = high side: flange, rating size: A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, Y, Z, 1, 2, 3 or 4.
- l = high side: flange mat & form: A, B, C, D, E, F, G, H, J, L, M, N, P, Q, U, V, 1 or 2.
- m = high side: ext size & material: 1, 2, 3, 4, 5, 6, 9 or F.
- n = high side: isolating diaphragm: G, H, K, S, T, U, W or Y.
- o = high side: fill fluid: A, B, C, D, H, K, N, P, S, V or W.
- p = low side: diaphragm & fluid: A, B, C, D, F, H, K, L, M, N, P, Q, R, S, T, U, V, W, Y, 2, 4 or 5.
- q = low side: flanges & connection: A, B, C, D, E, F, G, H, K, L, M, N, P, Q, R, S, T, U, V, Z, 1, 2, 3, 4, 5, 6, 7 or 8.
- r = bolts and gasket: 1, 2, 3, 4, 5, 6, 7, 8, 9, C, N, R or S.
- s = electronic housing: A, B, C, D, E, G, H, J, K, L, M, N, P, R, S, T, U, V, W, Y, Z or 1 (for options J, K, W, Y, 1 see note 3).
- t = communication: 1, 2, 3, 4 F, H, P, S, 8 or T (options S or 4 are for old models 268, 8 or T are for new models 268).
- u = Options: A1, A2, A3, B1, B2, B3, B4, B5, B8, B9, C1, C2, C3, C4, C5, C6, C7, C8, C9, CA, CC, CB, CD, CE, CG, CF, CH, CL, CM, CN, CJ, CP, CQ, CR, D1, D2, D3, D4, D5, D6, D7, D8, E6, EN, EA, EB, EC, ER, EJ, F1, G1, G2, G3, G4, G5, H1, H2, H3, H4, I1, I2, J1, J2, J3, J4, J5, J6, J7, J8, J9, JA, JB, JC, JD, JE, JF, K1, K2, K3, K4, K5, K6, K7, L1, L3, M1, M2, M3, M4, M5, M6, M7, M8, M9, MA, MB, N1, N2, N3, N4, N5, N6, P1, P2, P3, P4, P5, Q1, Q2, R1, R2, R3, R4, R5, R6, R7, R8, S1, S2, T1, T2, T3, T4, T5, T6, T7, T8, T9, TA, TB, U1, U2, U3, U4, U5, V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, VC or Z1.

Note on c character for (\*) denotes remote seal elements.

Note 1: If digit c is F option (fast response), the Pressure Transmitter is not explosion-proof.



Note 2: If digit b is A option (absolute pressure top accuracy for standard overload) or G option (gauge pressure top accuracy for standard overload) and at digit d option is F (upper range limit 400 mbar) or C (upper range limit 60 mbar), the Pressure Transmitter is not explosion-proof.

Note 3: If digit s is J, K, W, Y, 1 option (Housing DIN style), the Pressure Transmitter is not explosion proof.

Code of remote seal:  
S6 for 600TEN series  
S26 for 2600T series

### Equipment Ratings:

Intrinsically safe for use in Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; Class I, Zone 0, IIC in accordance with control drawings DH0038, DH3024, DH3017 and DH3106; Explosion-proof for use in Class I Division 1 Groups A, B, C and D; Dust-Ignition-proof for Class II, III Division 1, Groups E, F and G; Non-incendive for Class I, Division 2, Groups A, B, C and D; suitable for Class II, III, Division 2, Groups F and G hazardous (Classified) locations indoor/outdoor Type 4X.

### FM Approved for:

ABB SpA  
I-22016 LENNO (COMO), ITALY



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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	1998
Class 3610	1999
Class 3611	2004
Class 3810	2005
Class 3615	2006
NEMA - 250	1991
ISA 12.02.01	1998
ISA 12.02.01	1999

Original Project ID: 3014824

Approval Granted: October 21, 2004

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3016153	December 16, 2002		
3017562	June 2, 2003		
3018629	March 9, 2004		
3021060	December 2, 2004		
060314	April 10, 2006		
3034253	September 17, 2008		

FM Approvals LLC

Timothy Adam  
Technical Team Manager

September 17, 2008  
Date