

CERTIFICATE OF CONFORMITY

1. **HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS**
2. **Certificate No:** FM16CA0036X
3. **Equipment:** 2600T Pressure transmitter, Model 266
(Type Reference and Name)
4. **Name of Listing Company:** ABB SpA
5. **Address of Listing Company:** Via L. Vaccani 4
Tremezzina (Co) Loc. Ossuccio 22016
Italy
6. The examination and test results are recorded in confidential report number:

3055168 dated 26th July 2016
7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

CSA-C22.2 No. 0.4:2013, CSA-C22.2 No. 0.5:2012, CSA-C22.2 No. 25:2009, CSA-C22.2 No. 30:2012, CSA-C22.2 No. 94:2011, CSA C22.2 No. 157:1984, CSA C22.2 No. 213:1987, CSA-C22.2 No. 60529:2010, CAN/CSA-C22.2 No. 60079-0:2011, CAN/CSA-C22.2 No. 60079-1:2011, CAN/CSA-C22.2 No. 60079-11:2014, CAN/CSA-C22.2 No. 60079-15:2012, CAN/CSA-C22.2 No. 61010-1:2012 and ANSI/ISA 12.27.01:2011
8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.
9. vThis certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

Certificate issued by:



J.E. Marquedant
VP, Manager - Electrical Systems

22 February 2023

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

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FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA
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10. Equipment Ratings:

For use as Explosionproof for Class I, Division 1, Groups B, C and D, T5 Ta = -50°C to +85°C; Flameproof for Class I, Zone 1, Ex d IIC T4 Ta = -50°C to +85°C; and Dust-ignitionproof for Class II & III, Division 1, Groups E, F and G T5 Ta = -50°C to +85°C hazardous locations; indoor and outdoor (Type 4X, IP66; IP67).

Intrinsically safe for Class I, II, and III, Division 1, Groups A, B, C, D, E, F and G and Class I, Zone 0 Group IIC; indoor and outdoor Hazardous Locations for Entity and FISCO when installed in accordance with Control Drawing DH3173.

Nonincendive for Class I, Division 2, Groups A, B, C and D and Energy limited for Class I Zone 2 Group IIC Hazardous Locations for Nonincendive Field Wiring and FNICO when installed in accordance with Control Drawing DH3173.

“Dual Seal” or “Single Seal” per ANSI/ISA 12.27.01 as indicated

11. The marking of the equipment shall include:

Class I Division 1, Groups B, C, D; T5 Ta = -50°C to +85°C;

Class II, Division 1, Groups E, F, G, Class III, Division 1; T5 Ta = -50°C to +85°C;

Class I, Zone 1, Ex d IIC T4 Gb Ta = -50°C to +85°C,

Type 4X, IP66; IP67

Class I, II, III Division 1, Groups A, B, C, D, E, F and G, T6...T4 Ta = -50°C to +85°C;

Class I, Zone 0. Ex ia IIC T6...T4 Ta = -50°C to +85°C;

Type 4X, IP66; IP67

Class I, Division 2, Groups A, B, C, and D T6...T4 Ta = -50°C to +85°C;

Class I, Zone 2, Ex nC IIC T6...T4 Ta = -50°C to +85°C;

Type 4X, IP66; IP67

Dual Seal or Single Seal

12. Description of Equipment:

General - The **2600T Pressure transmitter, Model 266** consists of an aluminium alloy or stainless steel housing with an internal partition which separates the enclosure into a terminal compartment and an electronics compartment. RF leadthroughs are fitted in the partition wall. The terminal compartment is fitted with a flat threaded cover and the electronics compartment is fitted with a window cover having a cemented-in flat glass window. The housing is also provided with a threaded opening on the electronics side to accommodate a pressure sensor (primary) which can be of gauge or differential design and having various sensor types. All joints are sealed using 'O' rings and all threaded joints are locked against removal.

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The 2600T Pressure transmitter, Model 266 is suitable for installation in explosive dust atmospheres of Category 2 with the pressure sensing element through the boundary wall to an explosive dust atmosphere of Category 1.

The enclosure body has 2 threaded conduit entries and the threads are either M20 x 1.5 or ½ inch NPT.

Ratings -

Modbus version: U = 30 Vdc P = 2 W

Other versions: U = 42 Vdc P = 2 W

The transmitters are rated for use in an ambient temperature range of -50°C to +85°C.

266bcdefghimnoqrstu 2600T Pressure Transmitter, Model 266 – Dual Seal.

XP/II/1/BCD/T5 Ta = -50°C to +85°C;

I/1/Ex d IIC/T4 Ta = -50°C to +85°C;

DIP/II,III/1/EFG/T5 Ta = -50°C to +85°C;

Type 4X, IP66; IP67

b = measure type and construction: A, C, D, G, H, J, M, N, P, R, or V.

c = application: D**, H, L, R**, or S

d = performance: ***: Single digit not relevant to safety.

e = upper range limits: A, B, E, F, G, H, M, P, Q, R, or S.

f = static pressure range: H, or S.

g = transducer diaphragm material and fill fluid; 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R, S, T, V, W, Y, or Z

h = connection material and type: 1, 2, 3, 4, 5, 6, 7, A, B, C, D, E, F, G, H, K, L, M, N, P, Q, R, S, T, U, V, Y, or Z

i = gasket: 5, 6, 8 or N.

m (only for 266 DLH and 266 DHH) = high pressure side process flange standard rating – size : A, B, D, E, M, N, or L.

n (only for 266 DLH and 266 DHH) = high pressure side process flange material-form-finish : A, D, G, or L.

o (only for 266 DLH and 266 DHH) = low pressure side diaphragm material and fill fluid : 4, 5, A, B, C, D, F, H, K, L, M, P, Q, S, or T.

q (only for 266 DLH) = low pressure side seal type and capillary length : 1, 2, 3, 4, 5, 6, 7, 8, M, N, Q, S, T, U, V, or Z.

r = bolts and gasket: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, C, N, R, S, or T.

s = electronic housing: A, B, S, T, C, or D,

t = communication: 1, 2, 3, 7, or 8

u = Options: E4, EB, or EN and blank, or A1, A2, A3, AA, AB, B†, C†, D†, , H†, I†, L1, L3, L5, L7, L9, M†, N†, P†, R1, S2, T†, V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, VC, Y†, or Z1.

** Note 1: If option “c” is D or R this denotes remote seal elements.

*** Note 2: For Inductive Sensors only

† Note 3: Any Single letter or Number

Code of remote seal:

S6 for 600TEN series

S26 for 2600T series

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266bcdefg1g2h1h2imnoqrstu 2600T Pressure Transmitter, Model 266

XP/II/1/BCD/T5 Ta = -50°C to +85°C;

I/1/Ex d IIC/T4 Ta = -50°C to +85°C;

DIP/II,III/1/EFG/T5 Ta = -50°C to +85°C;

Type 4X, IP66; IP67

b = measure type and construction: A, C, D, G, H, J, M, N, P, R, or V

c = application: D**, H, L, R**, or S

d = performance: Single digit not relevant to safety.

e = upper range limits: A, B, C, D, E, F, G, H, L, M, N, P, Q, R, U, Y, V, Z, or S

f = static pressure range: 1, 2, 3, 4, C, H, M, S, W, Y, Z A, or T.

i = gasket: 5, 6, 8 or N

g = transducer diaphragm material and fill fluid; 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R, S, T, V, W, Y, or Z

h = connection material and type: 1, 2, 3, 4, 5, 6, 7, A, B, C, D, E, F, G, H, K, L, M, N, P, Q, R, S, T, U, V, Y, or Z

m = (only for 266 DLH and 266 DHH) = high pressure side process flange standard rating – size: A, B, D, E, M, N, or L

n = (only for 266 DLH and 266 DHH) = high pressure side process flange material-form-finish: A, D, G, or L.

o = (only for 266 DLH and 266 DHH) = low pressure side diaphragm material and fill fluid: 4, 5, A, B, C, D, F,

H, K, L, M, P, Q, S, or T

q = (only for 266 DLH) = low pressure side seal type and capillary length: 1, 2, 3, 4, 5, 6, 7, 8, M, N, Q, S, T, U, V, or Z

r = bolts and gasket: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, C, N, R, S, or T

s = electronic housing: A, B, S, T, C, or D

t = communication: 1, 2, 3, 7, or 8

u = Options: E4, EB, EC, or EN and blank, or A1, A2, A3, AA, AB, B†, C†, D†, H†, I†, L1, L3, L5, L7, L9, M†, N†, P†, R1, S2, T†, V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, VC, Y†, or Z1.

** Note 1 : If option “c” is D or R this denotes remote seal elements.

† Note 2: Any Single letter or Number

Code of remote seal :

S6 for 600TEN series

S26 for 2600T series

266bcdefghrs5u 2600T Flow Transmitter, Model 266 Modbus version – Single Seal.

XP/II/1/BCD/T5 Ta = -50°C to +85°C;

I/1/Ex d IIC/T4 Ta = -50°C to +85°C;

DIP/II,III/1/EFG/T5 Ta = -50°C to +85°C;

Type 4X, IP66; IP67

b = measure type and construction: C or J

c = application: D**, R**, or S

d = performance: Single digit not relevant to safety

e = upper range limits: A, C, F, L, N, R, 1, or 2

f = static pressure range: 1, 2, 3, 4, 5, 6, or 7

g = transducer diaphragm material and fill fluid: S, K, M, V, T, A, F, C, Y, D, R, or 2

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h = process flanges material & connection: A, Q, B, C, D, E, G, H, P, or R.

r = bolts and gasket: 3, 4, 5, 6, 7, T or R

s = electronic housing: A, B, S, T, C, or D

u = E4, EB, EC, or EN and blank or A1, A8, A9, B[†], C[†], D[†], F[†], H[†], I[†], L1, L5, L9, M[†], N[†], P[†], T[†], UA, UB, UC, V1, V2, V3, V4, V5, V6, V7, V8, V9, W[†], Y[†] or Z1.

** Note 1: if on option "c" is D or R denotes remote seal elements.

† Note 2: Any single letter or number.

Code of remote seal :

S6 for 600TEN series

S26 for 2600T series

266bcdeghs4u 2600T Pressure Transmitter, Model 266 (1-5Vdc) Dual Seal

XP/II/1/BCD/T5 Ta = -50°C to +85°C;

I/1/Ex d IIC/T4 Ta = -50°C to +85°C;

DIP/II,III/1/EFG/T5 Ta = -50°C to +85°C;

Type 4X, IP66; IP67

b = measure type and construction: H

c = application: D**, R**, or S

d = performance: Single digit not relevant to safety

e = upper range limits: P, Q, or S

g = transducer diaphragm material and fill fluid: S, or K,

h = process flanges material & connection: B, T, E, or K.

s = electronic housing: A, C, or S

u = options: E4, EB, EC, or EN and blank or A1, B[†], C[†], D[†], F[†], H[†], I[†], LS, M[†], N[†], P[†], T[†], S2, R1, VA, or VB.

** Note 1: if on option "c" is D or R denotes remote seal elements.

† Note 2: Any single letter or number.

Code of remote seal :

S26 for 2600T series

266bcdefghmnoqrs7u 2600T Pressure Transmitter, Integrated HMI option

XP/II/1/BCD/T5 Ta = -50°C to +85°C;

I/1/Ex d IIC/T4 Ta = -50°C to +85°C;

DIP/II,III/1/EFG/T5 Ta = -50°C to +85°C;

Type 4X, IP66; IP67

b = measure type and construction: D, H, P, N

c = application: D**, R**, H, L or S

d = performance: Single digit not relevant to safety

e = sensor span limit: A, B, E, F, G, H, L, M, P, Q, S, W

f = static pressure range: S, H

g = transducer diaphragm material and fill fluid: S, A, L, H, B, Q, K, F, P, M, C, 4, T, D, 5, 8, 9, I, R, 2, W,

h = process connection: A, B, D, E, G, H, P, Z, Q, T, M, S, U, V, R, Y, W, K, C, F, 1, 2, 3

m (only for 266DLH and 266DHH) = A, B, D, E, M, N, L,

n (only for 266DLH and 266DHH) = A, D, G, L

o (only for 266DLH and 266DHH) = L, A, S, Q, B, H, P, F, K, C, 4, M, D, T, 5

q (only for 266DLH) = 1, 2, 3, 4, 5, 6, 7, 8, M, N, Q, S, T, U, V, Z

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r = 1, 2, 3, 4, 8, 9, R, S

s = electronic housing: A, B, S, T, C, or D

u = options: E4, EB, EC, or EN and blank or A1, B[†], C[†], D[†], F[†], H[†], I[†], LS, M[†], N[†], P[†], T[†], S2, R1, V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, or VC.

** Note 1: if on option "c" is D or R denotes remote seal elements.

† Note 2: Any single letter or number.

Code of remote seal:

S26 for 2600T series

266bcdeghs4u 2600T Pressure Transmitter, Model 266 (1-5 Vdc)

XP/II/1/BCD/T5 Ta = -50°C to +85°C;

I/1/Ex d IIC/T4 Ta = -50°C to +85°C;

DIP/II,III/1/EFG/T5 Ta = -50°C to +85°C;

Type 4X, IP66; IP67

b = measure type and construction: H

c = application: D^{**}, R^{**}, or S

d = performance: Single digit not relevant to safety

c = application: D^{**}, R^{**}, or S

e = upper range limits: P, Q, W or S

g = transducer diaphragm material and fill fluid: S, or K.

h = process flanges material & connection: B, T, E, or K.

s = electronic housing: A, C, or S

u = options: A1, B[†], C[†], D[†], EB, F[†], H[†], I[†], LS, M[†], N[†], P[†], T[†], S2, R1, VA, or VB.

** Note 1: if on option "c" is D or R denotes remote seal elements.

† Note 2: Any single letter or number.

Code of remote seal:

S26 for 2600T series

266bcdefghrs6u 2600T Pressure Transmitter, Model 266 Modbus version – Single Seal.

XP/II/1/BCD/T5 Ta = -50°C to +85°C;

I/1/AEx d IIC/T4 Ta = -50°C to +85°C;

DIP/II,III/1/EFG/T5 Ta = -50°C to +85°C;

Type 4X, IP66; IP67

b = measure type and construction: A, N, H, G, C or J

c = application: D^{**}, R^{**}, or S

d = performance: Single digit not relevant to safety

e = upper range limits: A, C, F, L, N, R, D, E, G, H, M, P, Q, S, U, V, W, Z.

f = static pressure range: 1, 2, 3, 4

g = transducer diaphragm material and fill fluid: S, K, M, V, T, A, F, C, Y, D, R, 2, G, E, 8, 9, L, P, 4, I, 5, N, 6, Z, W.

h = process flanges material & connection: A, Q, B, C, D, E, G, H, P, R, S, T, U, V, N, K, F, 1, 2, 3, 6, 7, I, Y, J, L, M, R, 4, 5.

r = bolts and gasket: 3, 4, 5, 6, 7, T, R, 8, N.

s = electronic housing: A, B, C, D, T, or S

u = Options: EN or ET and blank, or A1, A2, A3, A8, A9, AA, AB, AC, B[†], C[†], D[†], F[†], H[†], I[†], L1, M[†], N[†], P[†], R1, S2, T[†], V[†], V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, VC, Y[†] or Z1

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** Note 1: if on option "c" is D or R denotes remote seal elements.

† Note 2: Any single letter or number.

Code of remote seal :

S6 for 600TEN series

S26 for 2600T series

266bcdefg1g2h1h2lmnoqrstu 2600T Series Pressure Transmitter model 266 – Dual Seal.

IS / I, II, III / 1 / ABCDEFG / T* - DH3173; Entity (For communication option 1, 7, 8);

IS / I, II, III / 1 / ABCDEFG / T* - DH3173; FISCO (For communication option 2, 3);

I / 0 / Ex ia IIC / T* - DH3173; Entity (For communication option 1, 7, 8);

I / 0 / Ex ia IIC / T* - DH3173; FISCO (For communication option 2, 3);

NI / I / 2 / ABCD / T* DH3173; NIFW (For communication option 1, 7, 8);

I / 2 / Ex nL IIC / T* DH3173; FNICO (For communication option 2, 3);

Type 4X, IP66; IP67

*HART/Entity

Vmax = 30 V

T Class	minimum ambient °C	maximum ambient °C	I _{max} mA	Power W
T4	-50°C	+85°C	100	0.75
T4	-50°C	+70°C	160	1
T5	-50°C	+40°C	100	1.75
T6	-50°C	+40°C	50	0.4

*Profibus-PA

Vmax = 17.5 Vd.c.

I_{max} = 360 mA

P_{max} = 2.52 W

C_i ≤ 5 nF

L_i ≤ 10 µH

T Class	Minimum Ambient °C	Maximum Ambient °C
T4	-50°C	+85°C
T6	-50°C	+40°C

*Fieldbus Foundation FF-816 Physical Layer Type 111

Vmax = 24 Vd.c.

I_{max} = 250 mA

P_{max} = 1.2 W

C_i ≤ 5 nF

L_i ≤ 10 µH

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T Class	Minimum Ambient °C	Maximum Ambient °C
T4	-50°C	+85°C
T6	-50°C	+40°C

*Fieldbus Foundation FF-816 Physical Layer Type 511

Vmax = 17.5 Vd.c.

I_{max} = 380 mA

P_{max} = 5.32 W

C_i ≤ 5 nF

L_i ≤ 20 μH

T Class	Minimum Ambient °C	Maximum Ambient °C
T4	-50°C	+85°C
T6	-50°C	+40°C

b = measure type and construction: D, H, N, P, A, G, or V

c = application: D**, H, L, R**, or S.

d = performance: ***: Single digit not relevant to safety.

e = upper range limits: A, B, E, F, G, H, M, P, Q, or S.

f = static pressure range:., H, or S

g = transducer diaphragm material and fill fluid; 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R, S, T, V, W, Y, or Z

h = process flanges material & connection: 1, 2, 3, 4, 5, 6, 7, A, B, C, D, E, F, G, H, K, L, M, N, P, Q, R, S, T, U, V, Y, or Z

i = gasket: 5, 6, 8 or N.

m (only for 266 DLH and 266 DHH) = high pressure side process flange standard rating – size: A, B, D, E, M, N, or L.

n (only for 266 DLH and 266 DHH) = high pressure side process flange material-form-finish: A, D, G, or L.

o (only for 266 DLH and 266 DHH) = low pressure side diaphragm material and fill fluid : 4, 5, A, B, C, D, F, H, K, L, M, P, Q, S, or T.

q (only for 266 DLH) = low pressure side seal type and capillary length : 1, 2, 3, 4, 5, 6, 7, 8, M, N, Q, S, T, U, V, or Z.

r = bolts and gasket: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, C, N, R, T, or S.

s = electronic housing: A, B, S, T, C, or D

t = communication: 1, 2, 3, 7, or 8

u = Options: E4, EA, EC, EN, or Blank, or A1, A2, A3, A8, A9, AA, AB, AC, B†, C†, D†, H†, I†, L1, L3, L5, L7, L9, M†, N†, P†, R1, S2, T†, V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, VC, Y†, or Z1

** Note 1: If on option “c” is D or R denotes remote seal elements.

*** Note 2: For Inductive Sensors only

† Note 3: Any Single letter or Number

Code of remote seal:

S6 for 600TEN series

S26 for 2600T series

266bcdefg1g2h1h2l1mnoqrstu 2600T Series Pressure Transmitter model 266.

IS / I, II, III / 1 / ABCDEFG / T* - DH3173; Entity (For communication option 1, 7, 8);

IS / I, II, III / 1 / ABCDEFG / T* - DH3173; FISCO (For communication option 2, 3);

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I / 0 / Ex ia IIC / T* - DH3173; Entity (For communication option 1, 7, 8);
 I / 0 / Ex ia IIC / T* - DH3173; FISCO (For communication option 2, 3);
 NI / 1 / 2 / ABCD / T* DH3173; NIFW (For communication option 1, 7, 8);
 I / 2 / Ex nL IIC / T* DH3173; FNICO (For communication option 2, 3);
 Type 4X, IP66; IP67

*HART/Entity
 Vmax = 30 V

T Class	minimum ambient °C	maximum ambient °C	I _{max} mA	Power W
T4	-50°C	+85°C	100	0.75
T4	-50°C	+70°C	160	1
T5	-50°C	+40°C	100	1.75
T6	-50°C	+40°C	50	0.4

*Profibus-PA
 Vmax = 17.5 Vd.c.
 I_{max} = 360 mA
 Pmax = 2.52 W
 Ci ≤ 5 nF
 Li ≤ 10 µH

T Class	Minimum Ambient °C	Maximum Ambient °C
T4	-50°C	+85°C
T5	-50°C	+40°C
T6	-50°C	+40°C

*Fieldbus Foundation FF-816 Physical Layer Type 111
 Vmax = 24 Vd.c.
 I_{max} = 250 mA
 Pmax = 1.2 W
 Ci ≤ 5 nF
 Li ≤ 10 µH

T Class	Minimum Ambient °C	Maximum Ambient °C
T4	-50°C	+85°C
T5	-50°C	+40°C
T6	-50°C	+40°C

*Fieldbus Foundation FF-816 Physical Layer Type 511
 Vmax = 17.5 Vd.c.
 I_{max} = 380 mA
 Pmax = 5.32 W
 Ci ≤ 5 nF
 Li ≤ 20 µH

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T Class	Minimum Ambient °C	Maximum Ambient °C
T4	-50°C	+85°C
T5	-50°C	+40°C
T6	-50°C	+40°C

b = measure type and construction: A, C, D, G, H, J, M, N, P, or V.

c = application: D**, H, L, R**, or S.

d = performance: Single digit not relevant to safety.

e = upper range limits: A, B, C, D, E, F, G, H, L, M, N, P, Q, R, S, U, V, Y, W, or Z

f = static pressure range: 1, 2, 3, 4, A, C, H, M, S, T, W, Y, or Z.

g = transducer diaphragm material and fill fluid; 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R, S, T, V, W, Y, or Z

h = process flanges material & connection: 1, 2, 3, 4, 5, 6, 7, A, B, C, D, E, F, G, H, K, L, M, N, P, Q, R, S, T, U, V, Y, or Z

i = gasket: 5, 6, 8 or N

m (only for 266 DLH and 266 DHH) = high pressure side process flange standard rating – size : A, B, D, E, M, N, or L.

n (only for 266 DLH and 266 DHH) = high pressure side process flange material-form-finish : A, D, G, or L.

o (only for 266 DLH and 266 DHH) = low pressure side diaphragm material and fill fluid : 4, 5, A, B, C, D, F, H, K, L, M, P, Q, S, or T.

q (only for 266 DLH) = low pressure side seal type and capillary length : 1, 2, 3, 4, 5, 6, 7, 8, M, N, Q, S, T, U, V, or Z.

r = bolts and gasket: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, C, N, R, or S.

s = electronic housing: A, B, S, T, C, or D

t = communication: 1, 2, 3, 7, or 8

u = Options: E4, EA, EC, EN, or Blank, or A1, A2, A3, A8, A9, AA, AB, B[†], C[†], D[†], H[†], I[†], L1, L3, L5, L7, L9, M[†], N[†], P[†], R1, S2, T[†], V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, VC, Y[†], or Z1.

** Note 1 :If on option “c” is D or R denotes remote seal elements.

† Note 2: Any single letter or number.

Code of remote seal :

S6 for 600TEN series

S26 for 2600T series

266bcdefghrstu 2600T Series Pressure Transmitter model 266 (multivariable).

IS / I, II, III / 1 / ABCDEFG / T* - DH3272; Entity

I / 0 / Ex ia IIC / T* - DH3272; Entity

NI / I / 2 / ABCD / T* DH3272; NIFW

Type 4X, IP66; IP67

Electrical parameters

HART/Entity

Ui = 30 Vdc

Ci ≤ 13 nF

Li ≤ 10 μH

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T Class	minimum ambient °C	maximum ambient °C	I _{max} mA	Power W
T4	-50°C	+85°C	100	0.75
T4	-50°C	+70°C	160	1
T5	-50°C	+40°C	100	1.75
T6	-50°C	+40°C	50	0.4

RTD connections

U_o = 5.9 V I_o = 24 mA P_o = 0.035 W C_o = 11.3 μF L_o = > 10 μH (negligible)

Digital Output

U_o = 0 I_o = 0 C_o = 650 nF L_o = 5.5 mH

U_i = 30 Vdc I_i = 120 mA C_i = 3 nF L_i = 0

Temperature Class - Gas	Temperature Class - Dust	Minimum ambient °C	Maximum ambient °C	Power W
T4	T135°C	-50°C	+60°C	1.0
T5	T100°C	-50°C	+56°C	1.3
T6	T85°C	-50°C	+44°C	0.4

b = measure type and construction: C, or J

c = application: R**, S

d = performance: Single digit not relevant to safety.

e = upper range limits: A, C, F, L, N, or R

f = static pressure range: 1, 2, 3, or 4

g = transducer diaphragm material and fill fluid: 2, A, C, D, F, K, M, P, S, T, V, or Y

h = differential process flanges material & connection: 4, 5, 6, 7, A, B, C, D, E, G, H, P, Q, or R

r = bolts and gasket: 3, 4, 5, 6, 7, R, or T.

s = electronic housing: A, B, S, T, C, or D

t = communication: 1 or 8

u = Options: E4, EA, EC, or EN and Blank, or A1, A2, A3, B[†], C[†], D[†], H[†], I[†], L1, L3, L5, L7, L9, M[†], N[†], P[†], R1, S2, T[†], V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, VC, Y[†] (Excluding Option u = YE), or Z1

** Note 1: If on option "c" is D or R denotes remote seal elements.

† Note 2: Any single letter or number.

Code of remote seal :

S6 for 600TEN series

S26 for 2600T series

266bcdefghrs5u 2600T Pressure Transmitter, Model 266 Modbus version – Single Seal.

NI // 2 / ABCD / T* DH3173;

I / 2 / Ex nC IIC / T* DH3173;

Type 4X, IP66; IP67

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T Class	minimum ambient °C	maximum ambient °C	I _{max} mA	Power W
T4	-50°C	+85°C	100	0.75
T4	-50°C	+70°C	160	1
T5	-50°C	+40°C	100	1.75
T6	-50°C	+40°C	50	0.4

b = measure type and construction: C or J

c = application: D**, R**, or S

d = performance: Single digit not relevant to safety

e = upper range limits: A, C, F, L, N, R, 1, or 2

f = static pressure range: 1, 2, 3, 4, 5, 6, or 7

g = transducer diaphragm material and fill fluid: S, K, M, V, T, A, F, C, Y, D, R, or 2

h = process flanges material & connection: A, Q, B, C, D, E, G, H, P, or R

r = bolts and gasket: 3, 4, 5, 6, 7, T or R

s = electronic housing: A, B, S, T, C, or D

u = EN or ET and A1, A8, A9, B[†], C[†], D[†], F[†], H[†], I[†], L1, L5, L9, M[†], N[†], P[†], T[†], UA, UB, UC, V1, V2, V3, V4, V5, V6, V7, V8, V9, W[†], Y[†] or Z1.

** Note 1: if on option “c” is D or R denotes remote seal elements.

† Note 2: Any single letter or number.

Code of remote seal:

S6 for 600TEN series

S26 for 2600T series

266bcdefghrs6u 2600T Pressure transmitter, Model 266 Modbus Pressure version Single Seal

NI / I / 2 / ABCD / T* DH3173;

I / 2 / Ex nA nC IIC / T* DH3173;

Type 4X, IP66; IP67

T Class	minimum ambient °C	maximum ambient °C	I _{max} mA	Power W
T4	-50°C	+85°C	100	0.75
T4	-50°C	+70°C	160	1
T5	-50°C	+40°C	100	1.75
T6	-50°C	+40°C	50	0.4

b = measure type and construction: A, N, H, G, C or J

c = application: D**, R**, or S

d = performance: Single digit not relevant for safety

e = upper range limits: A, C, F, L, N, R, D, E, G, H, M, P, Q, S, U, V, W, Z.

f = static pressure range: 1, 2, 3, or 4

g = transducer diaphragm material and fill fluid: S, K, M, V, T, A, F, C, Y, D, R, 2, G, E, 8, 9, L, P, 4, I, 5, N, 6, Z, W

h = process flanges material & connection: A, Q, B, C, D, E, G, H, P, R, S, T, U, V, N, K, F, 1, 2, 3, 6, 7, I, Y, J, L, M, R, 4, 5.

r = bolts and gasket: 3, 4, 5, 6, 7, T, 8, N.

s = electronic housing A, B, S, T, C or D

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u= A1, A2, A3, A8, A9, AA, AB, AC, B+, C+, D+, EN or ET, F1, H+, I+, L1, M+, N+, P+, R1, S2, T+, V+, Y+, or Z1

** Note 1 : if on option "c" is D or R denotes remote seal elements

+ Note 2 : Any single letter or number.

Code of remote Seal :

S6 for 600TEN series

S26 for 2600T series

266bcdefghirstu 2600T Series Pressure Transmitter model 266 (multivariable NE21 Terminal option).

IS / I, II, III / 1 / ABCDEFG / T* - DH3272; Entity

I / 0 / Ex ia IIC T* - DH3272; Entity

Type 4X, IP66; IP67

Electrical parameters

HART/Entity

Ui = 30 Vdc Ci ≤ 21 nF Li ≤ 10 µH

Temperature Class - Gas	Temperature Class - Dust	Minimum ambient °C	Maximum ambient °C	I _{max} mA	Power W
T4	T135°C	-50°C	+60°C	100	0.75
T4	T135°C	-50°C	+60°C	160	1
T5	T100°C	-50°C	+56°C	100	1.75
T6	T85°C	-50°C	+44°C	50	0.4

RTD connections

U_o = 5.9 V I_o = 24 mA P_o = 0.035 W C_o = 11.3 µF L_o = > 10 µH (negligible)

Digital Output

U_o = 0 I_o = 0 C_o = 650 nF L_o = 5.5 mH

U_i = 30 Vdc I_i = 120 mA C_i = 3 nF L_i = 0

Temperature Class - Gas	Temperature Class - Dust	Minimum ambient °C	Maximum ambient °C	Power W
T4	T135°C	-50°C	+60°C	1.0
T5	T100°C	-50°C	+56°C	1.3
T6	T85°C	-50°C	+44°C	0.4

b = measure type and construction: C, or J.

c = application: R**, or S.

d= performance: Single digit not relevant for safety

e = A, C, F, L, N

f = 1, 2, 3, 4

g = S, K, M, V, T, A, F, C, Y, D, R, 2

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h = A, B, C, D, E, G,H, P, Q, R
r = bolts and gasket: 3, 4, 5, 6, 7, R, or T
s = electronic housing: A, B, C, D, S, T or J.
t = communication: 1, or 8
u = Options: EA, and blank, or A1, B†, C†, D†, F†, H†, I†, L1, L5, M†, N†, P†, R1, S2, T†, U†, V1, V2, V3, V4, V5, V6, V7, V8, V9, YE or Z1.
** Note 1: If on option "c" is D or R denotes remote seal elements.
† Note 2; Any single letter or number.

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

266bcdefghirstu 2600T Series Pressure Transmitter model 266 (multivariable NE21 Terminal option).

NI / I / 2 / ABCD / T* - DH3272; Entity
I / 2 / Ex nA nC IIC T* - DH3272; Entity
Type 4X, IP66; IP67

Electrical ratings;

HART/Entity (communications options t = 1, or 8)

Ui= 42Vdc li = 25mA Ci = 21 nF Li = 10 µH – HART connections
Ui= 42Vdc li = 25mA Ci = 5 nF Li = 10 µH – Digital Output connections

T Class	minimum ambient °C	maximum ambient °C	I _{max} mA	Power W
T4	-50°C	+85°C	100	0.75
T4	-50°C	+70°C	160	1
T5	-50°C	+40°C	100	1.75
T6	-50°C	+40°C	50	0.4

b = measure type and construction: C, or J.
c = application: R**, or S.
d= performance: Single digit not relevant for safety
e = A, C, F, L, N
f = 1, 2, 3, 4
g = S, K, M, V, T, A, F, C, Y, D, R, 2
h = A, B, C, D, E, G,H, P, Q, R
r = bolts and gasket: 3, 4, 5, 6, 7, R, or T
s = electronic housing: A, B, C, D, S, T or J.
t = communication: 1, or 8
u = Options: EC, and blank, or A1, B†, C†, D†, F†, H†, I†, L1, L5, M†, N†, P†, R1, S2, T†, U†, V1, V2, V3, V4, V5, V6, V7, V8, V9, YE or Z1.
** Note 1: If on option "c" is D or R denotes remote seal elements.
† Note 2; Any single letter or number.

Code of remote seal :
S6 for 600TEN series

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Canadian Certificate Of Conformity No: FM16CA0036X

S26 for 2600T series

266 bcdefghmnoqrs7u 2600T Pressure Transmitter, Integrated HMI option

IS / I, II, III / 1 / ABCDEFG / T* - DH3173;
 I / 0 / Ex ia IIC / T* - DH3173; Entity;
 NI / I / 2 / ABCD / T* DH3173;
 I / 2 / Ex nC IIC / T* DH3173;
 Type 4X, IP66; IP67

T Class	minimum ambient °C	maximum ambient °C	I _{max} mA	Power W
T4	-50°C	+85°C	100	0.75
T4	-50°C	+70°C	160	1
T5	-50°C	+40°C	100	1.75
T6	-50°C	+40°C	50	0.4

b = measure type and construction: D, H, P, N
 c = application: D**, R**, H, L or S
 d = performance: Single digit not relevant to safety
 e = sensor span limit: A, B, E, F, G, H, L, M, P, Q, S, W
 f = static pressure range: S, H
 g = transducer diaphragm material and fill fluid: S, A, L, H, B, Q, K, F, P, M, C, 4, T, D, 5, 8, 9, I, R, 2, W,
 h = process connection: A, B, D, E, G, H, P, Z, Q, T, M, S, U, V, R, Y, W, K, C, F, 1, 2, 3
 m (only for 266DLH and 266DHH) = A, B, D, E, M, N, L,
 n (only for 266DLH and 266DHH) = A, D, G, L
 o (only for 266DLH and 266DHH) = L, A, S, Q, B, H, P, F, K, C, 4, M, D, T, 5
 q (only for 266DLH) = 1, 2, 3, 4, 5, 6, 7, 8, M, N, Q, S, T, U, V, Z
 r = 1, 2, 3, 4, 8, 9, R, S
 s = electronic housing: A, B, S, T, C, or D
 u = EA, EC, E4, EN and blank or A1, B[†], C[†], D[†], F[†], H[†], I[†], LS, M[†], N[†], P[†], T[†], R1, S2, V1, V2, V3, V4, V5,
 V6, V7, V8, V9, VA, VB or VC.

** Note 1 : if on option “c” is D or R denotes remote seal elements.

†Note 2 : Any single letter or number.

Code of remote seal :

S26 for 2600T series

266NSHeghs1u 2600T Pressure transmitter, Model 266 MID option YC– Dual Seal

XP/II/1/BCD/T5 Ta = -50°C to +85°C;
 I/1/Ex d IIC/T4 Ta = -50°C to +85°C;
 DIP/II,III/1/EFG/T5 Ta = -50°C to +85°C;
 Type 4X, IP66; IP67

s = electronic housing: A, B, S, or T.

u = Options: YC and E4, EN, EB, EF or ET, and blank, or A1, B[†], C[†], H[†], I[†], L1, M[†], N[†], P[†], S2, T[†], V[†], or Z1.

† Note: Any single letter or number.

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Model code option variables “e” through “i” do not affect product safety.

266NSHefghis1u 2600T Pressure transmitter, Model 266 MID option YC – Dual Seal

NI / I / 2 / ABCD / T* DH3276;

I / 2 / Ex nC IIC / T* DH3276;

Ta = -50°C to +85°C;

Electrical ratings;

HART/Entity

Ui = 30 Vdc li = 25 mA Ci = 11 nF Li = 64 mH

HART/Entity Version

T Class	minimum ambient °C	maximum ambient °C
T4	-50°C	+85°C
T4	-50°C	+70°C
T5	-50°C	+40°C
T6	-50°C	+40°C

s = electronic housing: A, B, S, or T.

u = Options: YC and E4, EN, EC, EE, or ET, and blank, or A1, B†, C†, H†, I†, L1, M†, N†, P†, S2, T†, V†, or Z1.

† Note: Any single letter or number.

Model code option variables “e” through “i” do not affect product safety.

266NSHefghirs1u 2600T Pressure transmitter, Model 266 MID option YC – Dual Seal

IS / I / 1 / D / T* - DH3276;

I / 0 / Ex ia IIA / T* - DH3276;

Type 4X, IP66; IP67

Electrical ratings;

Entity/HART Version

Ui = 30Vdc Ci ≤ 11 nF Li ≤ 64 mH

Temperature Class	Minimum ambient °C	Maximum ambient °C	I _{max} mA	Power W
T4	-50°C	+85°C	50	0.75
T4	-50°C	+70°C	50	1
T5	-50°C	+40°C	50	0.75
T6	-50°C	+40°C	50	0.4

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s = electronic housing: A, B, S, or T.

u = Options: YC and E4, EN, EA, EE or EF, and blank, or A1, B[†], C[†], H[†], I[†], L1, M[†], N[†], P[†], S2, T[†], V[†], or Z1.

[†] Note: Any single letter or number.

Model code option variables “e” through “i” do not affect product safety.

266bcdeghi*stu 2600T Pressure transmitter, Model 266DDS.

XP / I / 1 / BCD / T5 Ta = -50°C to +85°C;

I / 1 / Ex d IIC / T4 Ta = -50°C to +85°C;

DIP / II,III / 1 / EFG / T5 Ta = -50°C to +85°C;

Type 4X, IP66; IP67

b = measure type and construction: A*, G*, H, N

c = application: S or R**

s = electronic housing: S, or T

t = communication: D or S

u = Options: EB, E4, or EN, and blank, or A1, A2, A3, AA, AB, AC, B[†], C[†], D[†], H[†], I[†], L1, M[†], N[†], P[†], S2, T[†], V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, VC, Y[†], or Z1.

** Note 1: If option “c” is R, this denotes remote seal elements.

* Note 2: If option “b” is A or G option “i” is also present with fix value “N”.

Single and Dual Seal according to ISA12.27.01 : at “b” option digits “A” and “G” are Single Seal; digits “H” and “N” are Dual Seal.

[†] Note 2: Any single letter or number.

Code of remote seal :

S26 for 2600T series

Model code option variables “d” through “i” do not affect product safety.

266bcdeghi*stu 2600T Pressure transmitter, Model 266DDS.

NI / I / 2 / ABCD / T* DH3288;

I / 2 / Ex nC IIC / T* DH3288;

Type 4X, IP66; IP67

Electrical ratings;

HART/Entity

Ui= 42 Vdc

Ii = 25 mA

Ci ≤ 5 nF

Li ≤ 10 μH

HART/Entity Version

T Class	minimum ambient °C	maximum ambient °C
T4	-50°C	+85°C
T4	-50°C	+70°C
T5	-50°C	+40°C
T6	-50°C	+40°C

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b = measure type and construction: A*, G*, H, N.

c = application: S or R**.

s = electronic housing: A, B, S, or T.

t = communication: D or S.

u = Options: E4, EN or EC, and blank or A1, A2, A3, AA, AB, AC, B[†], C[†], D[†], H[†], I[†], L1, M[†], N[†], P[†], S2, T[†], V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, VC, Y[†], or Z1.

** Note 1: If option "c" is R, this denotes remote seal elements.

* Note 2: If option "b" is A or G option "i" is also present with fix value "N".

Single and Dual Seal according to ISA12.27.01 : at "b" option digits "A" and "G" are Single Seal; digits "H" and "N" are Dual Seal.

† Note 2: Any single letter or number.

Code of remote seal :

S26 for 2600T series

Model code option variables "d" through "i" do not affect product safety.

266bcdghi*stu 2600T Pressure transmitter, Model 266DDS.

IS / I, II, III / 1 / ABCDEFG / T* - DH3288;

I / 0 / Ex ia IIC / T* - DH3288; Entity;

Type 4X, IP66; IP67

Electrical ratings;

Entity/HART Version

Ui = 30Vdc

Ci ≤ 5 nF

Li ≤ 10 μH

Temperature Class	Minimum ambient °C	Maximum ambient °C	I _{max} mA	Power W
T4	-50°C	+85°C	50	0.75
T4	-50°C	+70°C	50	1
T5	-50°C	+40°C	50	0.75
T6	-50°C	+40°C	50	0.4

b = measure type and construction: A*, G*, H, N.

c = application: S or R**.

s = electronic housing: A, B, S, or T.

t = communication: D or S.

u = Options: E4, EN, and EA, and blank or A1, A2, A3, AA, AB, AC, B[†], C[†], D[†], H[†], I[†], L1, M[†], N[†], P[†], S2, T[†], V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, VC, Y[†], or Z1.

** Note 1: If option "c" is R, this denotes remote seal elements.

* Note 2: If option "b" is A or G option "i" is also present with fix value "N".

Single and Dual Seal according to ISA12.27.01 : at "b" option digits "A" and "G" are Single Seal; digits "H" and "N" are Dual Seal.

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

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SCHEDULE



Canadian Certificate Of Conformity No: FM16CA0036X

† Note 2: Any single letter or number.
Code of remote seal :
S26 for 2600T series

Model code option variables “d” through “i” do not affect product safety.

13. Specific Conditions of Use:

1. When the manufacturer of the equipment has not identified the type of protection on the label, the user shall, on installation, mark the label with the type of protection used.
2. The material of the partition wall (sensing diaphragm) shall not be subject to environmental conditions which might adversely affect it.
3. The Model 266 main electronics enclosure option s = A or B contains aluminium and is considered to present a potential risk of ignition by impact or friction. Care must be taken into account during installation and use to prevent impact or friction.
4. For areas subject to explosive dust atmospheres the painted surface of the Model 266 may store electrostatic charge and become a source of ignition in applications with a low relative humidity <~30% relative humidity where the painted surface is relatively free of surface contamination such as dirt, dust, or oil. Guidance on protection against the risk of ignition due to electrostatic discharge can be found in IEC TS 60079-32-1. Cleaning of the painted surface shall only be done in accordance with the manufacturers instructions.
5. For the Model 266 Multivariable the HART and the Digital Output circuits shall be treated as separate intrinsically safe circuits.

14. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals Canadian Certification Scheme.

15. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

16. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
26 th July 2016	Original Issue.
28 th September 2016	Supplement 1: Report Reference: RR206567 dated 28 th September 2016. Description of the Change: Added the 2600T Pressure Transmitter, Model 266 (1-5 Vdc) without Dual Seal to this certificate and the Approval Guide.
31 st March 2017	Supplement 2: Report Reference: 3060710 dated 31 st March 2017. Description of the Change: 1) Addition of Modbus Pressure variant.

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Date	Description
	2) Inclusion of input parameters for I.S. FISCO and FF-816 communication options. 3) Consolidation of ABB Measurement Products BU certificates.
17 th October 2017	Supplement 3: Report Reference: RR209839 dated 17 th October 2017 and RR210912 dated 4 th October 2017. Description of the Change: 1) Addition of NE21 terminal option (u = YE). 2) Correction of Modbus option codes.
6 th July 2018	Supplement 4: Report Reference: RR213044 dated 6 th July 2018. Description of the Change: 1) Model code changes to the Model 266 Transmitter with Modbus Communications.
14 th April 2021	Supplement 5: Report Reference: RR226196 dated 14 th April 2021. Description of the Change: Addition of MID Transfer version. Option u = YC
6 th August 2021	Supplement 6: Report Reference: PR455539 6 th August 2021. Description of the Change: Addition of new extra low voltage electronics and new Stainless Blind Cover for use in explosionproof and flameproof applications. Added new model code "266bcdghi*stu".
12 th November 2021	Supplement 7: Report Reference: RR229391 dated 12 th November 2021. Description of the Change: Addition of intrinsic safety and nonincendive parameters for the model 266 multivariable.
7 th November 2022	Supplement 8: Report Reference: PR459914 dated 7 th November 2022. Description of the Change: Addition of intrinsic safety and nonincendive version of the Model 266DDS.
22 nd February 2023	Supplement 9: Report Reference: RR233966 dated 22 nd February 2023. Description of the Change: Update to Model 266DDS Model Code.

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