



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

N2900Babcde. Float and Tape Transmitter.

XP / I / 1 / CD / T5 Ta = 85°C; I / 1 / Ex d IIB / T5 Ta = +85°C; Type 4 / IP66.

- a = Power Input: 0 or 1.
- b = Communications: M4, 48 or LJ.
- c = Inputs/Outputs: 0, 1 or 2.
- d = Limit Switches: 0, 2, 3, 4 or 5.
- e = Approval Certification: FM or CS.

N8200abcde. Current Output Level Transmitter.

XP / I / 1 / CD / T5 Ta = 85°C; I / 1 / Ex d IIB / T5 Ta = -20°C to +85°C; Type 4 / IP66.

- a = Input power type 0, 1 or 2.
- b = Level Range: 1 to 8.
- c = Approval Certification: 0 or 1.
- d = General Options 0 to 5.
- e = Junction Box 0, 1

N2910-abcdefg. Float and Tape Transmitter.

XP / I / 1 / CD / T5 Ta = 85°C; I / 1 / Ex d IIB / T5 Ta = +85°C; Type 4 / IP66.

- a = Approval Certification: FM.
- b = Power Input: 0, 1 or 2
- c = Communications: N/A, MS, MB or LJ.
- d = Range: 0, 1, 2, 3, 4, 5 or 6.
- e = Limit Switches: N, A or B.
- f = Addition Junction Box: 0 or 1.
- g = Digital Inputs / Outputs: A or B.

N2920-abcdefgh. Float and Tape Transmitter

XP / I / 1 / CD / T5 $-25^{\circ}\text{C} \leq T_a \leq +85^{\circ}\text{C}$; Type 4

a = Approval Certification: FM

b = Power Input: 1 or 2

c = Communications: BP, MB, MS, or LJ

d = Limit Switches: 0, 1, or 2

e = Limit Switches Range: N, A, B, C, D, E, or F

f = Digital Inputs/Outputs: 1 or 2

g = Analog Inputs / Outputs: N, A, B or C

h = Hart Inputs / Outputs (Hart Master): 0 or 1

Equipment Ratings:

N8200, N2900 and N2910 Products

Explosionproof for Class I, Division 1, Groups C and D Hazardous Locations; with a T5 temperature class and a maximum ambient temperature range of -25°C to 85°C .

Flameproof for use in Class I, Zone 1, Ex d, Group IIB Hazardous Locations with a temperature code of T5 at a maximum ambient temperature of 85°C .

Enclosure is rated for Indoors /Outdoors (Type 4 / IP66).

N2920 Product

Explosionproof for Class I, Division 1, Groups C and D Hazardous Locations; with a T5 temperature class and an ambient temperature range of -25°C to 85°C .

For use in Class I, Zone 1, per CEC 18-100 (CAN).

Enclosure is rated for Indoors /Outdoors (Type 4).

FM Approved for:

Varec Inc
Norcross, GA
United States



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

CSA-C22.2 No. 0.4	R2009
CSA-C22.2 No. 0.5	R2008
CSA-C22.2 No. 30	R2007
CSA C22.2 No. 94	R2011
CSA-C22.2 No. 142	R2004
CAN/CSA No. 60079-0	2007
CAN/CSA No. 60079-1	2007
CSA-C22.2 No. 60529	R2005
CSA-C22.2 No. 61010	R2009


Original Project ID: 3028297C

Approval Granted: December 6, 2010

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
110201	March 29, 2011		
3043343	September 26, 2011		
3050889	November 5, 2014		

FM Approvals LLC



 J.E. Marquedant
 Manager, Electrical Systems

5 November 2014

 Date