



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS 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.



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Equipment Ratings:

Explosionproof for Class I, Division 1 Groups C and D Hazardous Locations with a temperature code of T5 at a maximum ambient temperature of 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).

FM Approved for:

Varec Inc
Norcross, GA, USA

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	2004 (R2009)
CSA-C22.2 No. 0.5	1982 (R2008)
CSA-C22.2 No. 30	1986 (R2007)
CSA-C22.2 No. 142	1987 (R2004)
CAN/CSA E60079-0	2002 (R2007)
CAN/CSA E60079-1	2002 (R2007)
CSA-C22.2 No. 94	1991 (R2006)
CSA-C22.2 No. 60529	2005 (R2010)

Original Project ID: 3038297C

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		

FM Approvals LLC



J. E. Marquedant
Group Manager

09/26/2011

Date