



Member of the FM Global Group

FM Approvals  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

***N2900Babcde. Float and Tape Transmitter.***

XP / I / 1 / CD / T5 Ta = 85°C; I / 1 / AEx 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.

***2900AabcdFM, Upgrade Kit.***

- a = Power Input: 0 or 1.
- b = Communications: M4, 48 or LJ.
- c = Inputs/Outputs: 0, 1 or 2.
- d = Limit Switches: 0, 2 or 4.

***N8200abcde. Current Output Level Transmitter.***

XP / I / 1 / CD / T5 Ta = 85°C; I / 1 / AEx d / IIB / T5 Ta = +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 / AEx 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.

## Equipment Ratings:

Explosionproof for Class I, Division 1, Groups C and D Hazardous(Classified) Locations with a temperature code of T5 at a maximum ambient temperature of 85°C.

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

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

## Approved for:

Varec Inc  
Norcross,GA

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

Class 3600	1998
Class 3615	2006
Class 3810	2005
ANSI/ NEMA 250	2003
ANSI/ IEC 60529	2004
ANSI/ ISA 60079-0	2007
ANSI/ ISA 60079-1	2007

Original Project ID: 3021811

FM Approval Granted: May 25, 2005

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
090814	November 17, 2009		
100128	March 12, 2010		
3038297	December 6, 2010		
110201	March 29, 2011		
3043343	September 26, 2011		

FM Approvals LLC



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James E. Marquedant  
Group Manager, Electrical

09/26/2011

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Date