



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:

N8200abcde. Current Output Level Transmitter.

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

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.

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.



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N2920-abcdefgh. Float and Tape Transmitter.

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

Explosionproof for Class I, Division 1, Groups C and D Hazardous (Classified) 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, AEx d, Group IIB Hazardous (Classified) Locations with a temperature code of T5 at a maximum ambient temperature range of -20°C to 85°C .

N2920 as Flameproof for use in Class I, Zone 1, Group IIB Hazardous (Classified) Locations with a temperature code of T5 at a maximum ambient temperature range of -25°C to 85°C .

Enclosure is rated for Indoors /Outdoors (Type 4 / IP66) as indicated for each model.

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:

Class 3600	2011
Class 3615	2006
Class 3810	2005
ANSI/ NEMA 250	2003
ANSI/ IEC 60529	2004
ANSI/ ISA 60079-0	2009
ANSI/ ISA 60079-1	2009

Original Project ID: 3021811

Approval Granted: May 25, 2005

Subsequent Revision Reports / Date 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		
3050889	November 5, 2014		

FM Approvals LLC

J.E. Marquedant
Manager, Electrical Systems

5 November 2014

Date