



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

VRF1abc1d. VRF1000 Series of Variable Radio Frequency Point Level Sensor. Integral Electronics with Opti-Sense.

Type 4X and IP66

a = Voltage: A or D.

b = Probe Type: 0, 1, 2, 4, 5, 6, 7, 8, A, J, T, U, F

c = Enclosure Type: G or S.

d = Assembly Configuration: A, B, C, S, N (Enclosure G Only), or H (for Teflon Probes Only).

VRF1CabG1cde. VRF1000C Series of Variable Radio Frequency Point Level Sensor. Integral Electronics with Opti-Sense.

Type 4X and IP66

a = Voltage: A or D.

b = Probe Type: 0, 2, 4, or 5.

c = Assembly Configuration: A, S, or N.

d = Cable Probe Length: Up to three digit number represented in inches.

e = Cable Probe Material: S, N, or T.

VRF2abc1d. VRF2000 Series of Variable Radio Frequency Point Level Sensor. Integral Electronics with Opti-Sense.

Type 4X and IP66

a = Voltage: A or D.

b = Probe Type: 0, 1, 2, 4, 5, 6, 7, 8, A, J, T, U, F

c = Enclosure Type: G or S.

d = Assembly Configuration: A, B, C, S, N (Enclosure G Only), or H (for Teflon Probes Only).

VRF2CabG1cde. VRF2000C Series of Variable Radio Frequency Point Level Sensor. Integral Electronics with Opti-Sense.

Type 4X and IP66

a = Voltage: A or D.

b = Probe Type: 0, 2, 4, or 5.

c = Assembly Configuration: A, S, or N (Enclosure G Only).

d = Cable Probe Length: Up to three digit number represented in inches.

e = Cable Probe Material: S, N, or T.

VRF1RE1abG. VRF1000R Series of Variable Radio Frequency Point Level Sensor. Remote Electronics with Opti-Sense.

VRFRPcde. VRF1000R Series of Variable Radio Frequency Point Level Sensor Remote Probe.

Type 4X and IP66

a = Voltage: A or D.

b = Enclosure Style: 1 or 2.

c = Probe Type: 0, 1, 2, 3, 4, 5, 6, 7, 8, A, J, T, U, F, or M.

d = Enclosure Type: G or S.

e = Assembly Configuration: A, B, C, D, S, or H (for Teflon Probes Only).

VRF2RE1abG. VRF2000R Series of Variable Radio Frequency Point Level Sensor. Remote Electronics with Opti-Sense.

VRFRPcde. VRF2000R Series of Variable Radio Frequency Point Level Sensor Remote Probe.

Type 4X and IP66

a = Voltage: A or D.

b = Enclosure Style: Round (with screw on cover) or Rectangular (with bolt on cover).

c = Probe Type: 0, 1, 2, 3, 4, 5, 6, 7, 8, A, J, T, U, F, or M.

d = Enclosure Type: G or S.

e = Assembly Configuration: A, B, C, D, S, or H (for Teflon Probes Only).

Equipment Ratings:

Electrical Measurement Equipment for use in indoor / outdoor (Type 4X, IP66) unclassified locations.

FM Approved for:

Venture Measurement Company LLC
Spartanburg, SC, USA



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

Class 3810	2005
(with Supplement 1)	1995
ANSI/NEMA 250	2003
ANSI/IEC 60529	2004

Original Project ID: 3028641

Approval Granted: February 23, 2007

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3038575	<i>February 17, 2010</i>		

FM Approvals LLC

J. E. Marquedant

 J. E. Marquedant
 Group Manager, Electrical

17 February 2010

 Date