



FM Approvals  
1151 Boston Providence Turnpike  
P.O. Box 9102 Norwood, MA 02062 USA  
T: 781 762 4300 F: 781-762-9375 www.fmapprovals.com

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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:

C22.2 No. 142	1987
C22.2 No. 94	1991
C22.2 No. 60529	2005

Original Project ID: 3028641C

Approval Granted: February 23, 2007

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3038575	February 17, 2010		

FM Approvals LLC

J.E. Marquedant  
Group Manager, Electrical

17 February 2010  
Date