



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:

6081-P-67-a. Wireless Transmitter.

IS/I/1/ABCD/T4 Ta = -20°C to +65°C; – 1400322;

I/O/AEx ia IIC T4 Ta = -20°C to +65°C; – 1400322;

NI/I/2/ABCD/T4 Ta = -20°C to +65°C;

IPX6

Entity Parameters (Sensor Terminals):

U_o = 6.51V, I_o = 299mA, P_o = 518.34mW, C_o = 1μF, L_o = 399μH.

a= Country Code: Any three digit number.

Special Conditions of Use:

1. The 6081 enclosure is made of aluminum alloy and given a protective polyurethane paint finish. Care should be taken to protect it from impact or abrasion.
2. The plastic antenna may present a potential electrostatic ignition hazard and must not be rubbed or cleaned with a dry cloth.

6081-C-67-a. Wireless Transmitter.

IS/I/1/ABCD/T4 Ta = -20°C to +65°C; – 1400322;

I/O/AEx ia IIC T4 Ta = -20°C to +65°C – 1400322;

NI/I/2/ABCD/T4 Ta = -20°C to +65°C;

IPX6

Entity Parameters (Sensor Terminals):

U_o = 6.51V, I_o = 299mA, P_o = 518.34mW, C_o = 80nF, L_o = 94μH.

a= Country Code: Any three digit number.

Special Conditions of Use:

1. The 6081 enclosure is made of aluminum alloy and given a protective polyurethane paint finish. Care should be taken to protect it from impact or abrasion.
2. The plastic antenna may present a potential electrostatic ignition hazard and must not be rubbed or cleaned with a dry cloth.

Equipment Ratings:

Intrinsically Safe (Entity) for use in Class I, Division 1, Groups A, B, C, D; Temperature Class T4 Ta = -20°C to 65°C in accordance with Control Drawing No.1400322; Intrinsically safe (Entity) for use in Class I, Zone 0, AEx ia IIC T4 Ta = -20°C to 65°C; in accordance with Control Drawing No. 1400322; Nonincendive for use in Class I, Division 2, Groups A, B, C, and D; Temperature Class T4 Ta = 65°C; indoor and outdoor, Hazardous (Classified) Locations.

FM Approved for:

Rosemount Analytical, Inc.
Irvine, CA 92606, USA



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

Class 3600	2011
Class 3610	2010
Class 3611	2004
Class 3810	2005
ANSI/IEC 60529	2004

Original Project ID: 3035539

Approval Granted: January 25, 2012

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3049355	November 6, 2013		

FM Approvals LLC

J. E. Marquedant
Group Manager, Electrical

6 November 2013
Date