



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:

**805a-bc-d, Series Pressure Transmitter.**

NI/I,II,III/2/ABCDEFG/T5 Ta = -40°C to +80°C;

XP/I/1/ABCD/T5 Ta = -40°C to +80°C

DIP/II,III/1/EFG/T5 Ta = -40°C to +80°C; Type 4X, IP66.

a = Product PT or QS.

b = Output C, V or R.

c = Ranges 00, 01, 02, 03, 04, 05, 06, 07, 08, 09 or 10.

d = Process Connection A, B or S.

**805a-bc-d-DS, Series Pressure Transmitter.**

NI/I,II,III/2/ABCDEFG/T5 Ta=-40°C to +80°C; Dual Seal

XP/I/1/ABCD/T5 Ta=-40°C to +80°C; Dual Seal

DIP/II,III/1/EFG/T5 Ta=-40°C to +80°C; Type 4X, IP66; Dual Seal

a = Product PT or QS.

b = Output C, V or R.

c = Ranges 00, 01, 02, 03, 04, 05, 06, 07, 08, 09 or 10.

d = Process Connection A, B or S.

### Equipment Ratings:

Nonincendive for Class I, II, and III, Division 2, Groups A, B, C, D, E, F and G; Explosionproof for Class I, Division 1, Groups A, B, C and D; Dust Ignitionproof for Class II/III, Division 1, Groups E, F, and G; Hazardous Locations with Temperature Class Rating T5 for an ambient temperature range of -40°C to +80°C and with Ingress Protection of IP66 and Type 4X. The DS version also carries a Dual Seal rating for The United States.

### FM Approved for:

SOR, Inc.  
Lenexa, KS  
USA

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

FM 3600	2011
FM 3611	2004
FM 3615	2006
FM 3810	2005
ANSI/NEMA 250	2008
ANSI/IEC 60529	2004
ANSI/ISA 12.27.01	2003

Original Project ID: 3035996

Approval Granted: September 16, 2009

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3038392	July 21, 2010		
3046985	October 31, 2012		

FM Approvals LLC



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J. E. Marquedant  
Group Manager, Electrical

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31 October 2012  
Date