



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:

140/1425. Pressure-to-Current Converter.

IS / I,II,III / 1 / ABCDEFG / T4 Ta = 85°C - 2001-072; Entity;

XP / I / 1 / BCD / T6 Ta = 75°C, T5 Ta = 85°C;

DIP / II,III / 1 / EFG / T6 Ta = 75°C, T5 Ta = 85°C;

NI / I / 2 / ABCD / T6 Ta = 75°C, T5 Ta = 85°C;

S / II,III / 2 / FG / T6 Ta = 75°C, T5 Ta = 85°C;

Type 4X / IP66

Entity Parameters:

$V_{Max} = 30\text{ V}$, $I_{Max} = 110\text{ mA}$, $C_i = .006\text{ }\mu\text{F}$, $L_i = 100\text{ }\mu\text{H}$.

Specific Condition of Use: The apparatus enclosure contains light metal and is considered to constitute a potential risk of ignition by impact or friction. Care must be taken into account during installation and use to prevent impact or friction.

Equipment Ratings:

Intrinsically Safe for Class I, II, III, Division 1, Groups A, B, C, D, E, F, G

Explosionproof for Class I, Division 1, Groups B, C, D

Dust-Ignitionproof for Class II, III, Division 1, Groups E, F, G

Nonincendive for Class I, Division 2, Groups A, B, C, D

Suitable for Class II, III, Division 2, Groups F, G

Indoor / outdoor (NEMA Type 4X/IP66) hazardous (classified) locations.

FM Approved for:

Norgren Ltd-Watson Smith Instrumentation
Leeds, United Kingdom



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 3615	2006
Class 3810	1989
ANSI/NEMA 250	1991
IEC 60529	1999

Original Project ID: 3009445

Approval Granted: November 20, 2001

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
050411	April 15, 2005		
3046020	December 4, 2012		

FM Approvals LLC


J. E. Marquedant

Group Manager, Electrical

4 December 2012

Date