



Member of the FM Global Group

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

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

EP000/ia/aFM Solenoid Valve.

IS / I,II,III / 1 / ABCDEFG/T5 Ta = 65°C – AV4987 – Entity; Type 4 (Variation IL), Type 4X (variation S);
Entity Parameters: VMax = 35 V, IMax = 300 mA, Ci = 0, Li = 0.

a = blank, S/, FL/, TB/, PS/ or IL/

Equipment Ratings:

Intrinsically Safe for use in Class I, II and III, Division 1, Groups A, B, C, D, E, F and G, Temperature Class T5, Ta = 65°C, in accordance with the Entity concept and when installed per Control Drawing AV4987 Type 4 (Variation IL only) and Type 4X (Variation S only) Hazardous (Classified) Locations.

FM Approved for:

Pneumatrol Limited
Oswaldtwistle NR, Accrington, United Kingdom



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

Class 3600	1998
Class 3610	2010
Class 3810	1989
Supplement No. 1	1995
ANSI/NEMA 250	1991

Original Project ID: 3020332

Approval Granted: June 9, 2004

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
051221	December 29, 2005		
060302	April 20, 2006		
3041229	February 18, 2011		
130412	July 29, 2013		

FM Approvals LLC



J. E. Marquedant

Group Manager, Electrical

29 July 2013

Date