



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:

VACN-N-K11-1-0.5-U4-M, VACN-N-K11-3A-0.5-U4-M, VACN-N-K11-16B-0.5-U4-M.

Solenoid Operator.

XP / I / 1 / ABCD / T4 Ta = 60°C;

I / 1 / AEx m / II / T4 Ta = 60°C;

DIP / II,III / 1 / EFG / T4 Ta = 60°C

Equipment Ratings:

Explosionproof for Class I, Division 1, Groups A, B, C and D: Encapsulation/Explosionproof for Class I, Zone 1, AEx m II T4: Dust-ignitionproof for Class II/III, Division 1, Groups E, F and G Hazardous (Classified) Locations.

FM Approved for:

Festo AG & Co. KG
Esslingen, Germany/Deutschland



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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	2011
Class 3615	2006
Class 3810	2005
ANSI/ISA-S12.0.01	1998
ANSI/ISA-S12.23.01	1998

Original Project ID: 3053936

Approval Granted: May 8, 2015

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

J.E. Marquedant
Manager, Electrical Systems

8 May 2015

Date