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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

***KSD2-BO-Exa Solenoid driver***

AIS / I, III, III / 1 / ABCDEFG; Entity – 116-0150

NI / 1 / 2 / ABCD / T4 Tamb = 60°C

Entity parameters

Voc = 26V      Isc = 110mA      Ca = 99nF      La = 3 mH      Po = 715mW

a = 2.2 (2 channel) or 1(1 channel)

*Special Conditions of use:*

1. *The solenoid drivers shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.*

### Equipment Ratings:

Associated Intrinsically Safe Apparatus for connection to Class I, II and III Division 1, Groups A, B, C, D, E, F and G meeting "Entity" requirements in accordance with Drawing Number 116-0150.

Nonincendive for use in Class I Division 2 Groups A, B, C and D, temperature class T4 Tamb = 60°C

### Approved for:

Pepperl + Fuchs, Inc.  
Twinsburg, OH 44087

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

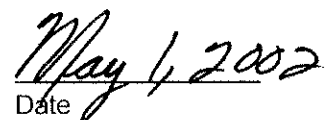
Class 3600	1998
Class 3610	1999
Class 3611	1999
Class 3810	1995

Original Approval Job Identification: 3008759      Approval Granted: April 29, 2002

Subsequent Revision Reports / Date Approval Amended

Factory Mutual Research Corporation

  
\_\_\_\_\_  
Andrew Lozinski  
Technical Team Manager  
Approvals Division

  
\_\_\_\_\_  
Date