

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20130723-E106378  
**Report Reference** E106378-20130720  
**Issue Date** 2013-JULY-23

**Issued to:** PEPPERL & FUCHS INC  
1600 ENTERPRISE PKY  
TWINSBURG OH 44087

**This is to certify that  
representative samples of**

PROCESS CONTROL EQUIPMENT FOR USE IN  
HAZARDOUS LOCATIONS, PROCESS CONTROL  
EQUIPMENT FOR USE IN ZONE CLASSIFIED  
HAZARDOUS


See Addendum Page .

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** See Addendum page

**Additional Information:** See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



William R. Carney, Director, North American Certification Programs  
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Associated Apparatus for use in Class I, Division 2, Groups A, B, C, and D, and Class I, Zone 2, Group IIC Hazardous Locations.

USL Class I, Zone 2, AEx nA[ia] IIC T4  
CNL Class I, Zone 2, Ex nA[ia] IIC T4

Model KCD2-UT2-EX1 may be followed -1 provides intrinsically safe outputs for use in Class I, Division 1, Groups A, B, C, and D; Class II, Division 1, Groups E, F, and G; and Class III Division 1; or Class I, Zone 0, Group IIC Hazardous Locations when installed in accordance with manufacturer's control drawing no. 116-0379

## Standards for Safety:

Standard No. UL 61010-1, Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

Standard No. UL 913, Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

Standard No. UL 60079-0, Explosive atmospheres - Part 0: Equipment - General requirements

Standard No. UL 60079-11, Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety "i"

Standard No. UL 60079-15, Electrical Apparatus for Explosive Gas Atmospheres - Part 15: Construction, Test and Marking of Type of Protection "n" Electrical Apparatus

Standard No. ANSI/ISA 12.12.01, 2012, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

Standard No. CSA C22.2 No. 61010-1, Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory use - Part 1: General Requirements

Standard No. CAN/CSA C22.2 No. 157-92, Intrinsically Safe and Non-incendive Equipment for Use in Hazardous Locations

Standard No. CAN/CSA C22.2 No. 213-M1987, 1st Ed., Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

Standard No. CAN/CSA-C22.2 No. 60079-0:11, Explosive atmospheres -- Part 0: Equipment -- General requirements

Standard No. CAN/CSA-C22.2 No. 60079-11:11, Explosive atmospheres -- Part 11: Equipment protection by intrinsic safety "i"

Standard No. CAN/CSA C22.2 No. 60079-15:12, Electrical apparatus for explosive gas atmospheres -- Part 15: Construction, test and marking of type of protection "n" electrical apparatus



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