

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160210-E106378  
**Report Reference** E106378-20111027  
**Issue Date** 2016-FEBRUARY-10

**Issued to:** Pepperl+Fuchs Inc  
1600 ENTERPRISE PKWY  
TWINSBURG OH 44087-2202

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

COMPONENT - PROCESS CONTROL EQUIPMENT FOR  
USE IN HAZARDOUS LOCATIONS; COMPONENT -  
PROCESS CONTROL EQUIPMENT FOR USE IN ZONE  
CLASSIFIED HAZARDOUS LOCATIONS

See Addendum

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

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

**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 Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance  
capabilities and are intended for use as components of complete equipment submitted for investigation rather  
than for direct separate installation in the field. The final acceptance of the component is dependent upon its  
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please  
contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160210-E106378  
**Report Reference** E106378-20111027  
**Issue Date** 2016-FEBRUARY-10

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

Process Control Equipment, Intrinsically safe barriers Model HiC2841 HiC2842 HiC2831 and HiC2832 for use in hazardous locations.

USR, CNR Associated Apparatus for use in Unclassified Locations

Models HiC2841, HiC2842, HiC2831 and HiC2832, each model may be followed by any combination of numbers and letters not related to safety certification; provide intrinsically safe outputs for use in Class I, Groups A, B, C, and D, Class II, Groups E, F, and G, Class III or Class I, Zone 0, Group IIC Hazardous Locations when installed in accordance with manufacturer's control drawing no. 116-0331B.

USR, CNR - Class I, Division 2, Groups A, B, C, D Hazardous Locations.

USR Class I, Zone 2, AEx nA[ja] IIC  
CNR Class I, Zone 2, Ex nA[ja] IIC Gc

Models HiC2841, HiC2842, HiC2831 and HiC2832, each model may be followed by any combination of numbers and letters not related to safety certification; provide intrinsically safe outputs for use in Class I, Groups A, B, C, and D, Class II, Groups E, F, and G, Class III or Class I, Zone 0, Group IIC Hazardous Locations when installed in accordance with manufacturer's control drawing no. 116-0331.

## Standard(s) for Safety:

Standard No. ANSI/ISA 12.12.01, 2015, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations


Standard No. UL 60079-0, 5th Ed., Explosive atmospheres – Part 0: Equipment – General Requirements

Standard No. UL 60079-15, 3rd Ed., Rev. 2009-10-21, Electrical Apparatus for Explosive Gas Atmospheres – Part 15: Construction, Test and Marking of Type of Protection “n” Electrical Apparatus

Standard No. CAN/CSA C22.2 No. 213-15, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

Standard No. CAN/CSA-C22.2 No. 60079-0:11, Rev. 2011-12-01, Explosive atmospheres — Part 0: Equipment — General requirements

Standard No. CAN/CSA C22.2 No. 60079-15:12, Rev. 2012-01-01, Electrical apparatus for explosive gas atmospheres — Part 15: Construction, test and marking of type of protection “n” electrical apparatus



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

