

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E106378  
**Report Reference** E106378-2020-12-18  
**Date** 2021-January-04

**Issued to:** Pepperl+Fuchs SE  
Lilienthalstrasse 200  
Mannheim68307 DE

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

PROCESS CONTROL EQUIPMENT FOR USE IN  
HAZARDOUS LOCATIONS

See Addendum Page for Product Designation(s).

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

**Standard(s) for Safety:** See next page for standards

**Additional Information:** See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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 Unclassified Locations or Class I, Division 2, Groups A, B, C and D Hazardous Locations, [AEx ia Ga] IIC and [AEx ia Da] IIIC.

Associated Apparatus for use in Unclassified Locations or Class I, Division 2, Groups A, B, C and D Hazardous Locations, [Ex ia Ga] IIC and [Ex ia Da] IIIC.

Switch amplifiers models KCD2-SR-Ex1 may be followed by .LB, may be followed by .SP, may be followed by additional alphanumeric characters not relevant to safety and KCD2-SR-Ex2 may be followed by .SP, may be followed by additional alphanumeric characters not relevant to safety providing intrinsically safe circuits for use in Hazardous Locations Class I, Division 1, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III Division 1; and Class I, Zone 0, Group IIC; Zone 20, Group IIIC when installed per control drawing 116-0477.

## STANDARDS:

UL 121201 NONINCENDIVE ELECTRICAL EQUIPMENT FOR USE IN CLASS I AND II, DIVISION 2 AND CLASS III, DIVISIONS 1 AND 2 HAZARDOUS (CLASSIFIED) LOCATIONS- Edition 9 - Revision Date 2019/08/26

UL 913 STANDARD FOR INTRINSICALLY SAFE APPARATUS AND ASSOCIATED APPARATUS FOR USE IN CLASS I, II, III, DIVISION 1, HAZARDOUS (CLASSIFIED) LOCATIONS- Edition 8 - Revision Date 2019/12/06

UL60079-0, EXPLOSIVE ATMOSPHERES - PART 0: EQUIPMENT - GENERAL REQUIREMENTS, EDITION 7, REVISION DATE 04/15/2020

UL60079-11, EXPLOSIVE ATMOSPHERES - PART 11: EQUIPMENT PROTECTION BY INTRINSIC SAFETY 'I', EDITION 6, REVISION DATE 09/14/2018

UL 61010-1, STANDARD FOR ELECTRICAL EQUIPMENT FOR MEASUREMENT, CONTROL, AND LABORATORY USE, UL 61010-1, 3RD EDITION, REVISED 2019-07-19, SEC. 1-17.

CSA C22.2 NO. 60079-0:19 EXPLOSIVE ATMOSPHERES - PART 0: EQUIPMENT - GENERAL REQUIREMENTS- Edition 4 - Issue Date 2019/02/01

CSA C22.2 NO. 60079-0:19 EXPLOSIVE ATMOSPHERES - PART 0: EQUIPMENT - GENERAL REQUIREMENTS- Edition 4 - Issue Date 2019/02/01



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CSA C22.2 NO. 213-17 NONINCENDIVE ELECTRICAL EQUIPMENT FOR USE IN CLASS I AND II, DIVISION 2 AND CLASS III, DIVISIONS 1 AND 2 HAZARDOUS (CLASSIFIED) LOCATIONS- Edition 3 - Revision Date 2019/08/26

CSA/CAN C22.2 NO. 61010-1-12, STANDARD FOR ELECTRICAL EQUIPMENT FOR MEASUREMENT, CONTROL, AND LABORATORY USE, 3RD EDITION, REVISED 2018-11, CLAUSE 1-17.



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