

CERTIFICATE OF COMPLIANCE

Certificate Number E106378
Report Reference E106378-20200319
Date 2021-April-13

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.

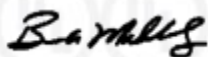
Standard(s) for Safety: See Addendum Page.

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

Product(s):

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

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

Switch amplifiers models KFD2-SR2-Ex1.W*, KFD2-SR2-Ex1.W.LB* and KFD2-SR2-Ex2.W* 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 Zone 0, Group IIC; Zone 20, Group IIIC when installed per control drawing 116-0473A.

Remark: the asterisk in the name represents optional alpha numeric characters (e.g. -Y1). These characters are used to describe different versions of a module and do not affect the safety.

Standards

UL913, Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

UL121201, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

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,

UL60079-0, Explosive Atmospheres - Part 0: Equipment - General Requirements,

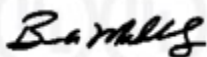
CSA C22.2 No. 60079-0, Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements

UL60079-11, EXPLOSIVE ATMOSPHERES - PART 11: EQUIPMENT PROTECTION BY INTRINSIC SAFETY 'I'

CSA C22.2 No. 60079-11, Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety "i"

UL 61010-1 SAFETY REQUIREMENTS FOR ELECTRICAL EQUIPMENT FOR MEASUREMENT, CONTROL, AND LABORATORY USE - PART 1: GENERAL REQUIREMENTS

CSA C22.2 NO. 61010-1-12 SAFETY REQUIREMENTS FOR ELECTRICAL EQUIPMENT FOR MEASUREMENT, CONTROL, AND LABORATORY USE - PART 1: GENERAL REQUIREMENTS



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