

CERTIFICATE OF COMPLIANCE

Certificate Number E106378
Report Reference E106378-20171103
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.

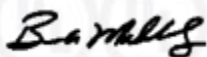
Standard(s) for Safety: See Addendum Page.

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):

Associated Apparatus for use in Unclassified Locations or Class I, Division 2, Groups A, B, C, and D and Class I, Zone 2, AEx nA [ia Ga] IIC T4 Gc, and Ex ec [ia Ga] IIC T4 Gc X Hazardous Locations.

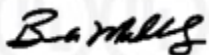
Model KFD2-ST, may be followed by C or V, followed by 5-Ex, may be followed by 1 or 1.2O or 2, may be followed by -1, -2, .H, .NCL, -Yn where “n” may be any alphanumeric character or XXX where X may be any alphanumeric character, provides intrinsically safe outputs for use in Class I, Division 1, Groups A, B, C, and D, Class II, Division 1, Groups E, F, and G, Class III, Division 1, Class I, Zone 0, Group IIC, Hazardous Locations when installed in accordance with manufacturer’s control drawing no. 116-0439.

Associated Apparatus for use in Unclassified Locations or Class I, Division 2, Groups A, B, C, and D and Class I, Zone 2, AEx nA IIC T4 Gc, and Ex ec IIC T4 Gc X Hazardous Locations.

Model KFD2-ST, may be followed by C or V, followed by 5, may be followed by 1 or 1.2O or 2, may be followed by -1, -2, .H, .NCL, -Yn where “n” may be any alphanumeric character or XXX where X may be any alphanumeric character, for use in Non-hazardous (unclassified) locations or Class I, Division 2, Groups A, B, C, and D and Class I, Zone 2, Group IIC atmospheres only.

Standards for Safety:

UL 60079-0, Explosive Atmospheres - Part 0: Equipment – General Requirements
UL 60079-7, Explosive Atmospheres – Part 7: Equipment Protection by Increased Safety “e”
UL 60079-11, Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety “i”
CSA C22.2 No. 60079-0, Explosive Atmospheres – Part 0: Equipment – General Requirements
CSA C22.2 No. 60079-7, Explosive Atmospheres – Part 7: Equipment Protection by Increased Safety “e”
CSA C22.2 No. 60079-11, Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety “i”
ISA 12.12.01, Nonincendive Electrical Equipment for Use in Class I and II, Division 2, and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
UL 913, Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, III, Division 1, Hazardous (Classified) Locations
CSA C22.2 No. 157-92, Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
CSA C22.2 No. 213, Nonincendive Electrical Equipment for Use in Class I and II, Division 2, and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
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, Electrical Equipment for Measurement, Control and Laboratory Use – Part 1: General Requirements



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