Certificate of Compliance

Certificate Number(s):

UL-US-L106378-47731-42110102-2
UL-US-L106378-47791-42110102-1

Report Reference:

E106378-20101124

Issue Date:

2025-10-23

Issued to:

Pepperl+Fuchs SE
Lilienthalstrasse 200, Mannheim, 68307, DE

This certificate confirms that representative samples of:

QUZW - Process Control Equipment for Use in Hazardous Locations
QVAJ - Process Control Equipment for Use in Zone Classified Hazardous Locations

See Addendum Page for Product Designation(s).

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

See Addendum Page for Standards.

Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance 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.

David Piecuch
UL Mark Certification Program Manager

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CERTIFICATE OF COMPLIANCE

Certificate number(s): UL-CA-L106378-47761-42110102-2, UL-CA-L106378-47821-42110102-1
Report reference: E106378-20101124
Issue Date: 2025-10-23

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, barriers

Model(s): KFD0-CS-Ex2.54

Model(s): KFD0-CS-Ex1.54, KFD0-CS-Ex1.54-Y2, KFD0-CS-Ex2.54-Y2, KFD0-CS-Ex1.56, KFD0-CS-Ex2.56, KFD0-CS-Ex1.54-Y1, KFD0-CS-Ex2.54-Y1, KFD0-CS-Ex1.54-Y3, KFD0-CS-Ex2.54-Y3 *barrier provides intrinsically safe circuits for use in Class I, Groups C and D, Class II, Groups E, F and G, Class III hazardous locations when installed in accordance with manufacturer"s control drawing No. 116-0348.*

Repeater modules

Model(s): KFD0-CS-Ex1.54 (c), KFD0-CS-Ex1.54-Y2 (c), KFD0-CS-Ex2.54 (c), KFD0-CS-Ex2.54-Y2 (c), KFD0-CS-Ex1.56 (c), KFD0-CS-Ex2.56 (c), KFD0-CS-Ex1.54-Y1 (c), KFD0-CS-Ex2.54-Y1 (c), KFD0-CS-Ex1.54-Y3 (c), KFD0-CS-Ex2.54-Y3 (c) *Intrinsically safe circuits for use in Class I, Groups C and D, Class II, Groups E, F and G, Class III hazardous locations when installed in accordance with manufacturer"s control drawing no. 116-0348.*

Standards for Safety:

UL 913, 7th Edition, Rev. 2008-08-12, Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

UL 60079-0, 5th Edition, Dated 2009-10-21, Explosive atmospheres - Part 0: Equipment - General requirements

UL 60079-11, 5th Edition, Dated 2009-09-30, Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety "i"

UL 60079-15, 4th Edition, Explosive atmospheres - Part 15: Equipment protection by type of protection "n"

ANSI/ISA 12.12.01-2007, Approved 2007-04-12, 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, 2nd Edition, Rev. 2005-07-22, Safety Requirements For Electrical Equipment For Measurement, Control, And Laboratory Use - Part 1: General Requirements

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Certifica L-CA-L106378-47761-42110102-2, UL-CA-L106378-47821-
110102-1
Repor 06378-20101124
25-10-23

Certificate of Compliance

Certificate Number(s):

UL-CA-L106378-47761-42110102-2
UL-CA-L106378-47821-42110102-1

Report Reference:

E106378-20101124

Issue Date:

2025-10-23

Issued to:

Pepperl+Fuchs SE
Lilienthalstrasse 200, Mannheim, 68307, DE

This certificate confirms that representative samples of:

QUZW7 - Process Control Equipment for Use in Hazardous Locations Certified for Canada
QVAJ7 - Process Control Equipment for Use in Zone Classified Hazardous Locations Certified for Canada

See Addendum Page for Product Designation(s).

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

See Addendum Page for Standards.

Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

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CERTIFICATE OF COMPLIANCE

Certificate number(s): UL-CA-L106378-47761-42110102-2, UL-CA-L106378-47821-42110102-1
Report reference: E106378-20101124
Issue Date: 2025-10-23

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, barriers

Model(s): KFD0-CS-Ex2.54

Model(s): KFD0-CS-Ex1.54, KFD0-CS-Ex1.54-Y2, KFD0-CS-Ex2.54-Y2, KFD0-CS-Ex1.56, KFD0-CS-Ex2.56, KFD0-CS-Ex1.54-Y1, KFD0-CS-Ex2.54-Y1, KFD0-CS-Ex1.54-Y3, KFD0-CS-Ex2.54-Y3 *barrier provides intrinsically safe circuits for use in Class I, Groups C and D, Class II, Groups E, F and G, Class III hazardous locations when installed in accordance with manufacturer"s control drawing No. 116-0348.*

Repeater modules

Model(s): KFD0-CS-Ex1.54 (c), KFD0-CS-Ex1.54-Y2 (c), KFD0-CS-Ex2.54 (c), KFD0-CS-Ex2.54-Y2 (c), KFD0-CS-Ex1.56 (c), KFD0-CS-Ex2.56 (c), KFD0-CS-Ex1.54-Y1 (c), KFD0-CS-Ex2.54-Y1 (c), KFD0-CS-Ex1.54-Y3 (c), KFD0-CS-Ex2.54-Y3 (c) *Intrinsically safe circuits for use in Class I, Groups C and D, Class II, Groups E, F and G, Class III hazardous locations when installed in accordance with manufacturer"s control drawing no. 116-0348.*

Standards for Safety:

CAN/CSA C22.2 No. 157-92, Rev. 2003-06, Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.

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

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

CAN/CSA-C22.2 No. 60079-11-11, 1st Edition, Explosive atmospheres — Part 11: Equipment protection by intrinsic safety “i”.

CAN/CSA-C22.2 No. 60079-15-12, 1st Edition, Electrical apparatus for explosive gas atmospheres — Part 15: Construction, test and marking of type of protection "n" electrical apparatus.

CAN/CSA C22.2 No. 61010-1, 2nd Edition, Rev. 2005-07-22, Safety Requirements For Electrical Equipment For Measurement, Control, And Laboratory Use, Part 1: General Requirements.

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