



FM Approvals
 1151 Boston Providence Turnpike
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CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

KFD2-RCI-Ex1. Isolator

NI/II/2/ABCD/T4, Ta = 60°C

AIS/I,II,III/1/ABCDEFG – 116-0335; Entity

Entity Parameters:

Voc, Uo (V)	Isc, Io (mA)	Po (mW)	Group	Ca,Co (µF)	La, Lo (mH)	Lo/Ro (µH/Ω)
Terminals: 1(+), 3(-)						
25.4	93.6	595	A, B, IIC	0.104	4.05	60
			C, E, F, G, IIB	0.81	16.2	240
			D, IIA	2.82	32.4	480

Special Condition of Use:

1) In Class I, Division 2 installations, the subject equipment shall be mounted within a tool-secured enclosure which is capable of accepting one or more of the Class I, Division 2 wiring methods specified in the Canadian Electrical Code (C22.1).

Equipment Ratings:

Associated Intrinsically Safe (Entity) with connections for Class I, II and III, Division 1, Groups A, B, C, D, E, F and G; per control drawing 116-0335; Nonincendive for Class I, Division 2, Groups A, B, C and D, Temperature Class T4 Ta = -20°C to 60°C; Hazardous Locations.

FM Approved for:

Pepperl+Fuchs Inc.
 Twinsburg, OH 44087



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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

C22.2 No. 1010.1	2004
C22.2 No. 213	1987
C22.2 No. 157	1992

Original Project ID: 3037174

Approval Granted: *May 28, 2010*

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

J.E. Marquedant

J.E. Marquedant
Group Manager, Electrical

28 May 2010

Date