



FM Approvals  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

**RSD2-PSD-Ex4.34.CON. IS-RPI Power Supply.**

XP / I / 1 / BCD / T4 Ta = 70°C; AIS / I,II,III / 1 / ABCDEFG — 116-0179;  
 [I/1] AEx [ib] IIC Ta = 70°C — 116-0179; Type 4X

	Voc (V)	Isc (A)	Po (W)	Vt (V)	It (mA)	Ca (μF)	La (μH)
Terminals +10, -11, +12, -13, +14, -15, or +16, -17	9.5	1	9.5	-	-	0.8	10

**RSD2-PSD2-Ex4.34.CON. IS-RPI Power Supply.**

XP / I / 1 / BCD / T4 Ta = 70°C; AIS / I,II,III / 1 / ABCDEFG — 116-0179;  
 [I/1] AEx [ib] IIC Ta = 70°C — 116-0179; Type 4X

	Voc (V)	Isc (A)	Po (W)	Vt (V)	It (mA)	Ca (μF)	La (μH)
Terminals +10, -11, +12, -13, +14, -15, or +16, -17	9.5	1	9.5	-	-	0.5	8

**RSA6-PSD-Ex4.34.CON. IS-RPI Power Supply.**

XP / I / 1 / BCD / T4 Ta = 70°C; AIS / I,II,III / 1 / ABCDEFG — 116-0179;  
 [I/1] AEx [ib] IIC Ta = 70°C — 116-0179; Type 4X

	Voc (V)	Isc (A)	Po (W)	Vt (V)	It (mA)	Ca (μF)	La (μH)
Terminals +10, -11, +12, -13, +14, -15, or +16, -17	9.5	1	9.5	-	-	0.5	8





## Equipment Ratings:

Explosionproof for Class I, Division 1, Groups B, C and D, Temperature Class T4 at an ambient temperature of +70°C; Intrinsically safe outputs for Class I, II, and III, Division 1, Groups A, B, C, D, E, F and G; Intrinsically safe outputs for Class I, Zone 1, Group IIC; Hazardous (Classified) Locations, indoors and outdoors (Type 4X).

## Approved for:

Pepperl + Fuchs, Inc.  
Twinsburg, OH



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

Class 3600	1998
Class 3610	1999
Class 3615	1989
Class 3810	1989
ANSI/NEMA 250	1991

Original Project ID: 3007337

FM Approval Granted: August 7, 2000

Subsequent Revision Reports / Date FM Approval Amended

3011495

August 12, 2002

FM Global Technologies LLC

Nicholas P. Ludlam  
Technical Team Manager

October 9, 2002  
Date