



Certificate of Compliance

Certificate: 70016295

Master Contract: 159754

Project: 70016295

Date Issued: 25 March, 2015

Issued to: Pepperl+Fuchs, Incorporated
1600 Enterprise Pkwy
Twinsburg, Ohio 44087
USA

Attention: Ryan Brownlee

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: *David Malloy*
David Malloy

PRODUCTS

CLASS - C225804 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe, Entity - For Hazardous Locations-

CLASS - C225884 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity-- For Hazardous Locations - Certified to US Standards

CLASS - C225803 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

CLASS - C225883 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive-Systems- For Hazardous Locations-Certified to U.S. Standards

Class I Zone 2 AEx nA [ia Ga] IIB T4 Gc

Ex nA [ia Ga] IIB T4 Gc

Class I Zone 2 AEx nA [ia Da IIIC] IIB T4 Gc

Ex nA [ia Da IIIC] IIB T4 Gc

Ethernet Isolator, Type EI-0D2-10Y-10B, rated 19.2-35Vdc, 150-100 mA; Temperature Code T4.
-40°C ≤ T_a ≤ 60°C.



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APPLICABLE REQUIREMENTS

CSA C22.2 No. 0-10	General requirements — Canadian Electrical Code, Part II
CAN/CSA-C22.2 No. 61010-1-12	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements (Third Edition)
CSA-C22.2 No. 60079-0:11	Explosive atmospheres — Part 0: Equipment — General requirements
CSA-C22.2 No. 60079-11:11	Explosive atmospheres — Part 11: Equipment protection by intrinsic safety “i”
CSA-C22.2 No. 60079-15:12	Electrical apparatus for explosive gas atmospheres — Part 15: Construction, test and marking of type of protection “n” electrical apparatus
ANSI/UL 61010-1:2012	Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements (Third Edition)
ANSI/UL 60079-0: 2013	Explosive atmospheres – Part 0: Equipment – General Requirements
ANSI/UL 60079-11: 2013	Explosive Atmospheres – Part 11: Equipment protection by intrinsic safety “i”
ANSI/UL 60079-15: 2013	Electrical Apparatus for Use in Class I, Zone 2 Hazardous (Classified) Locations: Type of Protection “n”

The following standard(s) were used in whole or in part as a guideline

IEC 60079-0:2011 (Ed. 6.0)	Explosive Atmospheres – Part 0: Equipment – General Requirements
IEC 60079-11:2011 (Ed. 6.0)	Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety “i”
IEC 60079-15:2010 (Ed. 4.0)	Explosive Atmospheres – Part 15: Equipment Protection by Type of Protection “n”

MARKINGS


The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The following markings shall be printed onto the side of the enclosure

All products:

- Manufacturer’s name: "Pepperl+Fuchs", or CSA Master Contract Number “159754”, adjacent to the CSA Mark in lieu of manufacturer’s name.
- Certificate number adjacent to CSA Monogram (14.70016295);
- Model number;
- Electrical ratings:
 - Supply: 19.2-35 Vdc / 150-100 mA
- Ambient temperature rating:
 - $-40^{\circ}\text{C} \leq T_a \leq 60^{\circ}\text{C}$
- The CSA Mark with or without “C” and “US” indicators, as shown on the Certificate of Conformity.
- Hazardous Location designation: As specified in the PRODUCTS section
- Method of Protection markings (Ex -- markings): As specified in the PRODUCTS section
- Temperature code: T4
-  “Install per drawing 116-B032.”



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-  “Installez par le dessin 116-B032”

The following marking shall be printed on 3M 7866 stock material with a Wolcoe 7100 ribbon ink.

- Manufacturing date in MMY format, or serial number, traceable to year and month of manufacture.

The following information shall appear in the accompanying documents:

- Cleaning instructions – Device shall only be cleaned with a water damp cloth or similar wording



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70016295	Mar 25 2015	Original assessment of P+F Ethernet Isolator model EI-0D2-10Y-10Bxx for CSAc-us certification as suitable for Class I, Zone 2: Ex/AEx nA IIB; with I.S. Outputs to Class I, Zone 0: Ex/AEx [ia] IIB