Certificate Number Report Reference Issue Date 20140904-E106378 E106378-20010212 2014-September-04

Issued to:

PEPPERL + FUCHS INC 1600 ENTERPRISE PKY TWINSBURG OH 44087

This is to certify that representative samples of

PROCESS CONTROL EQUIPMENT FOR USE IN HAZARDOUS LOCATIONS; PROCESS CONTROL EQUIPMENT FOR USE IN

ZONE CLASSIFIED HAZARDOUS LOCATIONS

See Addendum Page

Have been investigated by UL in accordance with the

Standard(s) indicated on this Certificate.

Standard(s) for Safety:

Standard No. UL 913, Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations, Standard No. ANSI/ISA 12.12.01, 2013, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations, Standard No. UL 60079-0, Electrical Apparatus for Explosive Gas Atmospheres – Part 0: General Requirements, Standard No. UL 60079-11, Electrical Apparatus for Explosive Gas Atmospheres – Part 11: Intrinsic Safety "i", Standard No. CAN/CSA C22.2 No. 157-92, Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations, Standard No. UL 61010-1 – Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - PART 1: General Requirements, Standard No. CAN/CSA C22.2 NO.

61010-1 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - PART 1: General

Requirements

Additional Information:

See the UL Online Certifications Directory at www.ul.com/database for additional information

William R. Carney Director North Ame

William R. Carney, Director, North American Certification Programs

UL LLC

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Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers: ^c the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.

William R. Carney, Director, North American Certification Programs

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Certificate Number 2
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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.

Associated Apparatus, non-hazardous locations or Class I, Division 2, Groups A, B, C and D.

Local Bus System, consisting of the following:

Models LB-1101, LB-1102, LB-1103, LB-1104 and LB-1108 Digital Input Modules, associated apparatus providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when connected in accordance with Drawing No. 116-0320.

Models LB-2101, LB-2102, LB-2103, LB-2104, LB-2105, LB-2112 and LB-2113 Digital Output Modules, associated apparatus providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when connected in accordance with Drawing No. 116-0321.

Models LB-3101, LB-3102, LB-3103, LB-3104 and LB-3105 Analog Input Modules, associated apparatus providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when connected in accordance with Drawing No.116-0351.

Models LB-4101, LB-4102, LB-4104 and LB-4105 Analog Output Modules, associated apparatus providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when connected in accordance with Drawing No. 116-0352.

Models LB-5101 and LB-5104 RTD Transmitter Modules, associated apparatus providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when connected in accordance with Drawing No. 116-0322UL-12.

Models LB-5102 and LB-5105 TC Transmitter Modules, associated apparatus providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when connected in accordance with Drawing No. 116-0322.

Model LB-5106 Voltage Converter Module, associated apparatus providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when connected in accordance with Drawing No. 116-0322.

Non-hazardous locations or Class I, Division 2, Groups A, B, C and D.

Models LB-6006, LB-6101A, LB-6101H and LB-6005 Relay Output Modules.

Models LB-8105 through LB-8107, LB-8108, LB-8109, LB-8110, LB-8111, ISCM8100, and LTBM 8001 Communication Interface Modules.

William R. Carney Director, North American Certification Programs

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 $\label{lem:bound} \mbox{Models LB-9022, LB-9024,LB-9023,LB-9025, LB-9026, LB-9027, LB-9029 and LB-9035 Backplane Segments.}$

Model LB-9006C Power Supply Module.

William R. Carroy

William R. Carney, Director, North American Certification Programs

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