CERTIFICATE OF COMPLIANCE

Certificate Number Report Reference

20140226-E106378 E106378-20140221 2014-FEBRUARY-26

Issued to:

Issue Date

PEPPERL & FUCHS INC 1600 ENTERPRISE PKY TWINSBURG OH 44087

This is to certify that representative samples of

COMPONENT - PROCESS CONTROL EQUIPMENT FOR

USE IN HAZARDOUS LOCATIONS

COMPONENT - PROCESS CONTROL EQUIPMENT FOR USE IN ZONE CLASSIFIED HAZARDOUS LOCATIONS

Refer to addendum page for models

Have been investigated by UL in accordance with the

Standard(s) indicated on this Certificate.

Standard(s) for Safety: Additional Information: Refer to addendum page for Standard(s) for Safety

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

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: \(\mathbb{N} \), may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada: \(\mathbb{N} \) and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.

William R. Carney, Director, North American Certification Programs

UL LLC

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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.

Models/Product

USR, CNR Associated Apparatus for use in Unclassified Locations; Class I, Division 2, Groups A, B, C and D; Class I, Zone 2, AEx nA [ia] IIC; and Class I, Zone 2, Ex nA [ia] IIC Hazardous Locations.

Models HiC2025ES; provides intrinsically safe outputs for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III; and Class I, Zone 0 and 1, IIC Hazardous Locations when installed per control drawing 116-0376.

Models HiD2025ES; provides intrinsically safe outputs for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III; and Class I, Zone 0 and 1, IIC Hazardous Locations when installed per control drawing 116-0377.

Standard(s) for Safety

Standard No. UL 913, 7th Ed., Rev. 2011-09-23, 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, 5th Ed., Explosive atmospheres – Part 0: Equipment – General Requirements

Standard No. UL 60079-11, 5th Ed., Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety "i"

Standard No. UL 60079-15, 4th Ed. Explosive atmospheres – Part 15: Equipment protection by type of protection "n"

Standard No. UL 61010-1, 3rd Edition, Rev. 2012-05-11 Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

Standard No. CAN/CSA C22.2 No. 157-92, Rev. 2003-06, Reaffirmed 2012, Intrinsically Safe and Non-incendive Equipment for Use in Hazardous Locations

Standard No. CAN/CSA C22.2 No. 213-M1987, 1st Ed., Reaffirmed 2013 Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

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

Standard No. CAN/CSA-C22.2 No. 60079-11:11, Explosive atmospheres — Part 11: Equipment protection by intrinsic safety "i"

Standard No. CAN/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

Standard No. CSA C22.2 NO. 61010-1-12-CAN/CSA SAFETY REQUIREMENTS FOR ELECTRICAL EQUIPMENT FOR MEASUREMENT, CONTROL, AND LABORATORY USE. PT. 1, GENERAL

REQUIREMENTS - Edition 3 - Issue Date 2012/05/01

William R. Carrey

William R. Carney, Director, North American Certification Programs

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