

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160621-E226592  
**Report Reference** E226592-20151030  
**Issue Date** 2016-JUNE-21

**Issued to:** UNITED ELECTRIC CONTROLS CO  
180 DEXTER AVE  
PO BOX 9143  
WATERTOWN MA 02472

**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 for Models/Product

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:**  
**Additional Information:**

See Addendum Page for Standard(s)  
See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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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:**

USL - Class I, Groups A, B, C, and D; Class II, Groups E, F, and G; Class III (single seal models).

Class I, Groups B, C, and D; Class II, Groups E, F, and G; Class III for Explosion Proof dual seal (models ending in M-041).

Class I, Division 2, Groups A, B, C, and D; Class II, Division 2, Groups F, and G; Class III Division 2, for Non-incendive.

Class I, Zone 1, AEx db IIC T3/T5 Gb Hazardous Locations;

Class I, Zone 2, AEx nA IIC T5 Gc Hazardous Locations;

CNL - Class I, Groups A, B, C, and D; Class II, Groups E, F, and G; Class III (single seal models).


Class I, Groups B, C, and D; Class II, Groups E, F, and G; Class III for Explosion Proof dual seal (models ending in M-041).

Class I, Division 2, Groups A, B, C, and D; Class II, Division 2, Groups F, and G; Class III Division 2, for Non-incendive.

Ex d IIC T3/T5 Gb Hazardous Locations;

Ex nA IIC T5 Gc Hazardous Locations;

One Series Electronic Pressure and Temperature Switch, Model Nos. 1XTXSW, 1XTX00, 1XSWHL, 1XSWHH, followed by P, T, or K, followed by 06, 08, 10 thru 20, L1, L2, L3, R1, RC, H1, HC, C1 or CC, followed by 10, 11, 120, 13 or M-



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## Standard(s):

UL 1203 - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations  
UL 60079-0 - Explosive atmospheres – Part 0: Equipment – General requirements  
UL 60079-1 - Explosive Atmospheres – Part 1: Equipment Protection by Flameproof Enclosures “d”  
UL 60079-15 - Explosive atmospheres – Part 15: Equipment protection by type of protection “n”  
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  
ISA 12.27.01 - REQUIREMENTS FOR PROCESS SEALING BETWEEN ELECTRICAL SYSTEMS AND FLAMMABLE OR COMBUSTIBLE PROCESS FLUIDS  
UL 61010-1 - Safety Requirements For Electrical Equipment For Measurement, Control, and Laboratory Use  
UL 50 - Enclosures for Electrical Equipment, Non-Environmental Considerations  
UL 50E - Enclosures for Electrical Equipment, Environmental Consideration  
CAN/CSA C22.2 No. 25-1966 - Enclosures for Use in Class II Groups E, F, and G Hazardous Locations  
CAN/CSA C22.2 No. 213-M1987 - Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations  
CAN/CSA-C22.2 No. 60079-0:11 - Explosive atmospheres — Part 0: Equipment — General requirements  
CAN/CSA-C22.2 No. 60079-1:11 - Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures “d”  
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  
CSA C22.2 No. 61010-1-12 - Safety Requirements For Electrical Equipment For Measurement, Control, and Laboratory Use. Pt. 1, General Requirements  
CAN/CSA No. C22.2 94.01-07 - Enclosures for Electrical Equipment, Non-Environmental Considerations  
CAN/CSA No. C22.2 94.2-07 - Enclosures for Electrical Equipment, Environmental Considerations  
CAN/CSA C22.2 No. 157-92 - Intrinsically Safe and Non-incendive Equipment for Use in Hazardous Locations  
CAN/CSA C22.2 No. 30-M1986 - General Instruction No. 2:1988-11, Explosion-Proof Enclosures for Use in Class I Hazardous Locations.



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