


UK CA Declaration of Conformity





Application of Council Directive: UKSI 2016:1107 (as amended by UKSI 2019:696)
Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016

Standards to which Conformity is Declared: EN IEC 60079-0:2018 Explosive Atmospheres Part 0: Equipment – General Requirements
EN 60079-1:2014 Explosive Atmospheres Part 1: Equipment protection by flameproof enclosure “d”
EN 60079-11:2012 Explosive Atmospheres Part 11: Equipment Protected by intrinsic safety “i”
EN 60079-31:2014 Explosive Atmospheres Part 31: Equipment dust ignition protection by enclosure “t”

Conformity Assessment:

 **Pressure Sensor Models P06-P16 (1XSW, 1XTX, and 2S):**
II 2 G Ex db IIC T3 Gb
II 2 D Ex tb IIIC T90°C Db

 **All Other Models (1XSW, 1XTX, and 2S):**
II 2 G Ex db IIC T5 Gb
II 2 D Ex tb IIIC T90°C Db

 **Models 1XSWLL Only:**
II 1 G Ex ia IIC T4 Ga
II 1 D Ex ia IIIC T135°C Da

Models 1XSWLL:	-40°C ≤ Tamb ≤ +85°C
Models 1XSWHL, 1XSWHH:	-40°C ≤ Tamb ≤ +80°C
Models 1XTXSW, 1XTX00:	-40°C ≤ Tamb ≤ +80°C
Models 2SLP:	-40°C ≤ Tamb ≤ +70°C

Manufacturer's Name and Address: United Electric Controls, Co.
180 Dexter Avenue
Watertown, MA 02472, U.S.A.

Type of Equipment: Pressure and Temperature Transmitter – Switch
Product Series: ONE Series
Product Models: 1XSWLL, 1XSWHL, 1XSWHH, 1XTXSW, 1XTX00, 2SLP
Sensor Type: Pressure, Differential Pressure & Temperature


Notified Body: 0843
UL International Ltd
Unit 1-3 Horizon Kingsland Business Park
Wade Road, Basingstoke RG24 8AH, UK

UK-Type Examination Certificate Number: UL21UKEX2236X

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Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016

Standards to which Conformity is Declared: EN IEC 60079-0:2018 Explosive Atmospheres Part 0: Equipment – General Requirements
EN 60079-15:2010 Explosive Atmospheres Part 15: Equipment protection by flameproof enclosure “n”

Conformity Assessment:

 **All 1X Models:**
II 3 G Ex nA IIC T4 Gc

Models 1XSWLL: -40°C ≤ Tamb ≤ +80°C
Models 1XSWHL, 1XSWHH: -40°C ≤ Tamb ≤ +85°C
Models 1XTXSW, 1XTX00: -40°C ≤ Tamb ≤ +80°C

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We the undersigned, hereby declare that the equipment specified above conforms to the above directive and standard(s) and sound engineering practices.

Place of Issue: 180 Dexter Ave Watertown, MA 02742, USA

Issue Date: 2022-08-04
Revision Date: 2025-07-02

Authorized Manufacturer Representative

Signature: 
Name: Charles Heines
Title: Certification Engineer