

## EU Declaration of Conformity

**Postal**

180 Dexter Avenue  
PO Box 9143  
Watertown, MA  
02472-9143  
USA

**Shipping**

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Watertown, MA  
02472-4200  
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**FAX**

617-926-2568

**Telephone**

617-926-1000

**Web Address**

www.ueonline.com

**Application of  
Council Directive:**

**2014/34/EU**

Equipment of Protection System intended for use in  
Potentially Explosive Atmospheres

**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 60079-28:2015/A11:2024**, Explosive Atmospheres Part 28:  
Protection of Equipment and Transmission Systems Using  
Optical Radiation

**Conformity Assessment:**

**II 2 (2) G Ex db ia op is [ia] IIB T4 Gb IP66 (Excludes Sensors)**  
**Tamb: X\***  
**\*Varies Based on Gas Sensor Configuration**

**Manufacturer’s Name  
and Address:**

United Electric Controls, Co.  
180 Dexter Avenue  
Watertown, MA 02472, U.S.A.

**Type of Equipment:  
Product Series:  
Product Model:**

**Vanguard Gas Detector**  
**Model TCD50H1A**  
**ALL**

**Sensor Type:**

**Gas Sensor**

**Notified Body:**

**Intertek Italia S.p.A., NB 2775**  
**Via Miglioli, 2/A**  
**20063 Cernusco sul Naviglio, Milano (MI)**  
[www.intertek.com](http://www.intertek.com)

**EU Type Examination  
Certificate:**

**ITS16ATEX18474X R.3**



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

**Place of Issue:** 180 Dexter Ave.  
Watertown, MA 02472, U.S.A.

**Authorized Manufacturer Representative**

**Signature:** *Charles Heines*

**Name:** Charles Heines

**Title:** Certification Engineer

**Original Issue**

**Date:** March 11, 2024