



# EC Declaration of Conformity

This is to declare, in accordance with Directive 2014/34/EU, that the following product(s) are designed and manufactured in accordance with Annex II of 2014/34/EU.

The manufacturer attests on their own responsibility that the apparatus has been constructed in accordance with the principles of good engineering in safety matters, and that any routine verification and test required by Clause 27 of EN 60079-0:2012+A11:2013 has been successfully completed.

## Manufacturer

Meriam Process Technologies, a Scott Fetzer Company  
10920 Madison Avenue, Cleveland, Ohio 44102, USA

## Product Description

meriSense MS700X Series

CE 0539 Ex II 1 G  
DEMKO 16 ATEX 1785  
Ex ia IIC T4 Ga

## Entity parameters:

Pi = 1.249 W    Ii = 227 mA  
Ci = 30 µF      Li = 0 µH  
Ui = 5.5 VDC

**This Declaration is based on compliance with the following standards at the time of original delivery:**

## Regarding Hazardous Environments

- EN 60079-11:2012    Electrical apparatus for explosive gas atmospheres - Intrinsic safety 'i'
- EN 60079-0:2012 +A11:2013    Electrical apparatus for explosive gas atmospheres - General requirements

## Regarding Ingress Protection

- EN60529:1991 +A1:2000+A2:2013    Degrees of Protection Provided by Enclosures (IP Code: IP67)

## Regarding Electromagnetic Compatibility (EMC) for Handheld Class A device

meriSense MS700X Series compliant with EMC Directive 2014/30/EU

- EN 61326-1:2013    Electrical equipment for measurement, control and laboratory use-EMC requirements

The manufacturer also attests that the products listed above conform to the essential requirements of RoHS Directive 2011/65/EU and WEEE directive 2012/19/EU by self-declaration.

For and on behalf of  
Meriam Process Technologies,

19-APR-2017

John Merrill                      Date:  
Standards Engineer  
Meriam Process Technologies