



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

Western Enterprises, a Scott Fetzer Company
10920 Madison Avenue, Cleveland, Ohio 44102, USA

Product Description

meriSense MS700X Series

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

Entity parameters:

Pi = 1.249 W li = 227 mA
Ci = 30 μ F Li = 0 μ H
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 Electrical apparatus for explosive gas atmospheres - General requirements
+A11:2013

Regarding Ingress Protection

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

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 2015/863/EU and WEEE directive 2012/19/EU by self-declaration.

For and on behalf of
Western Enterprises,


_____ 06/01/21

Chad Gerbick
Director of Quality
Western Enterprises

Date: