|  |  |
| --- | --- |
|  | **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 60079-0:2018 has been successfully completed.

**Manufacturer**

Meriam Process Technologies, a Scott Fetzer Company

10920 Madison Avenue, Cleveland, Ohio 44102, USA

**Product Description**

MTSX Sensor Series



 0539 II 1 G

DEMKO 19 ATEX 2231

Ex ia IIC T4 Ga

**Entity parameters:**

Po = 1.25 W Io = 227 mA

Co = 20 μF Lo=0 μH

Uo = 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 60079-0:2018 | Electrical apparatus for explosive gas atmospheres - General requirements |

**Regarding Ingress Protection**

|  |  |
| --- | --- |
| * EN60529 | Degrees of Protection Provided by Enclosures (IP Code: IP54) |

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

MTSX Series compliant with EMC Directive 2014/30/EU

|  |  |
| --- | --- |
| * EN 61326-1:2016 | 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-Dec-2019

John Merrill Date:

Standards Engineer

Meriam Process Technologies