

System EC Declaration of Conformity

Extronics Ltd, 1 Dalton Way, Midpoint 18, Middlewich, CW10 0HU, UK

Declare under sole responsibility that the product,

iCAM100 Flameproof Fixed Focus Camera Assembly iCAM100-X-X-X

Country of Manufacture: United Kingdom

Consisting of the following certified items:

*TOCSIN 102 Camera Module Enclosure
Pepperl+Fuchs Terminal Box Series GL
Peppers Type A2LF Cable Gland*


**Sira 06ATEX1366X, latest supplement Issue 3
Sira 99ATEX3200X, latest supplement Issue 9
Sira 01ATEX1272X, latest supplement Issue 10**

To which this declaration relates, is in accordance with the provision of the following directives:


94/9/EC Equipment and protective systems intended for use in potentially explosive atmospheres.

Provisions of the directive fulfilled by the equipment:

TOCSIN 102C Optical Assembly

 II 2 GD
Ex d IIC T6 Gb
Ex tb IIIC T6 Db IP66
-20°C ≤ Ta ≤ +55°C

Pepperl+Fuchs Terminal Box Series GL


 II 2 GD
Ex e IIC T6 Gb
Ex tb IIIC T80°C Db IP6X
-50°C ≤ Ta ≤ +40°C

Ex e IIC T5 Gb
Ex tb IIIC T95°C Db IP6X
-50°C ≤ Ta ≤ +50°C

Peppers Type A2LF Cable Gland

 II 2 GD
Ex e IIC Gb
Ex ta IIIC Da
-35°C ≤ Ta ≤ +90°C

Overall System Certification:

 II 2 GD
**Ex de IIC T6 Gb
Ex tb IIIC T80°C Db IP6X
-20°C ≤ Ta ≤ +40°C**

**Ex de IIC T5 Gb
Ex tb IIIC T95°C Db IP6X
-20°C ≤ Ta ≤ +50°C**

And is in conformity with the following harmonized standards or other nominative documents

EN60079-1:2007	Electrical apparatus for potentially explosive gas atmospheres – Flameproof enclosures 'd'
EN60079-7:2007	Explosive atmospheres - Part 7: Equipment protection by increased safety 'e'
EN60079-31:2009	Electrical apparatus for potentially explosive dust atmospheres – Protection by enclosure 't'

Non-harmonized standards used

EN60079-0:2006	Electrical apparatus for potentially explosive atmospheres. General requirements (A review against EN60079-0:2012 + A11:2013 shows no significant changes relevant to this equipment, so EN60079-0:2006 continues to represent 'state of the art').
EN61241-0:2006	Electrical apparatus for use in the presence of combustible dust – General requirements (superseded by EN60079-0:2012)
EN61241-1:2004	Electrical apparatus for use in the presence of combustible dust – Protection by enclosures "tD" (superseded by EN60079-31:2009)

Notified Body for Production: **SIRA, 0518, Chester, UK**

2011/65/EU Restriction of the use of certain Hazardous Substances (RoHS) Compliant

On behalf of Extronics Ltd, I declare that, on the date the equipment accompanied by this declaration is placed on the market, the equipment conforms with all technical and regulatory requirements of the above listed directives.

Signed



Nick Eardley
Senior Project Engineer

Date: 16/05/2014

405024 Rev 1.0