

EU Declaration of Conformity



Manufacturer: Michell Instruments Limited
Address: 48 Lancaster Way Business Park
Ely, Cambridgeshire
CB6 3NW. UK.



Equipment Type: **XTC601-EX*-C* Binary Gas Analyser:**

2014/34/EU ATEX Directive

Provisions of the Directive fulfilled by the Equipment:

Group II Category 2GD Ex db IIB+H2 T6 Gb
Ex tb IIIC 85°C Db IP66
Tamb -40°C to +60°C *The use of O ring Options will affect Tamb ratings.*

Notified Body for Production (QAN & QAR):

SGS Fimko OY, Helsinki, Finland. Notified Body No. 0598

Notified Body for EC-Type Examination

CML, B.V., Amsterdam, 1101 BA, The Netherlands. Notified Body 2776

EC-Type Examination Certificate:

CML 20ATEX1038X

Standards used:

EN/IEC 60079-0:2018*

**Although the EN60079-0:2018 Standard is not yet Harmonised, the differences between this Standard and the Harmonised version have been checked and it was confirmed that compliance with the EHSR's of the ATEX Directive have been achieved.*

EN 60079-1:2014

EN 60079-31:2014

IECEX

Certificate of Conformity No.

IECEX CML 20.0018X

Ex db IIB+H2 T6 Gb

Ex tb IIIC 85°C Db IP66

Tamb -40°C to +60°C *The use of O ring Options will affect Tamb ratings.*

Standards used:

IEC60079-0:2017

IEC60079-1:2014

IEC60079-31:2013

Other Directives

2014/30/EU EMC Directive

Is in conformity with the following Standard(s) or Normative Document(s):

EN61326-1:2006 *Electrical equipment for measurement, control and laboratory use - EMC requirements. Class B (emissions) and Industrial Locations (immunity).*

2011/65/EU-2015/863/EU Restriction of Hazardous Substances Directive (RoHS3)

EU Directive 2015/863/EU, Annex II states:

The restriction of DEHP, BBP, DBP and DIBP shall apply to,.....monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

EN61010-1:2010 Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements.

2014/68/EU PE Directive

This product and sample systems & accessories that may be supplied with it does not bear CE marking for the Pressure Equipment Directive, and are supplied in accordance with Article 4, paragraph 3 of 2014/68/EU by using SEP (sound engineering practice) in the design and manufacturer and are provided with adequate instructions for use.

On behalf of the above named company, we the manufacturer declare under our sole responsibility 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.

Andrew M.V. Stokes, Technical Director.

Feb 2020

Ely, UK.

ECD XTC601-Ex Series Issue 09

PST Group EU Authorised Representative PST - PO Box 13386 Navan, Co Meath. Ireland

UK Declaration of Conformity



Manufacturer: Michell Instruments Limited
Address: 48 Lancaster Way Business Park
Ely, Cambridgeshire
CB6 3NW. UK.



Equipment Type: **XTC601-EX*-C* Series Binary Gas Analyser:**

The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016. UK Statutory Requirements (S.I. 2016 No. 1107[as amended])

Provisions of the Directive fulfilled by the Equipment:

Group II Category 2GD

Ex db IIB+H2 T6 Gb

Ex tb IIIC 85°C Db IP66

Tamb -40°C to +60°C *The use of O ring Options will affect Tamb ratings.*

Approved Body for UKCA-Type Examination

CML, Ellesmere Port. UK. Notified Body No. 2503

Approved Body for Production (UKCA QAN):

SGS Baseefa. Buxton, UK SK17 9RZ. Notified Body No. 1180

UKCA Type Examination Certificate:

CML 21UKEX1048X

Designated Standards used:

BS/EN60079-0:2018

BS/EN60079-1:2014

BS/EN60079-31:2014

Other Regulations and Standards

The Electromagnetic Compatibility Regulations 2016. UK Statutory Instrument (S.I. 2016 No.1091).

Is in conformity with the following Standard(s) or Normative Document(s):

EN61326-1:2013 *Electrical equipment for measurement, control and laboratory use - EMC requirements. Class B (emissions) and Industrial Locations (immunity).*

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012. UK Statutory Instrument (S.I. 2012 No.3032).

States:

The restriction of DEHP, BBP, DBP and DIBP shall apply to,.....monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

The Electrical Equipment Safety Regulation 2016. UK Statutory Instrument (S.I. 2016 1101) .BS/EN 61010-1:2010/A1:2019

Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

The Pressure Equipment (Safety) Regulations 2016. UK Statutory Instrument (S.I. 2016 No.1105).

This product and sample systems & accessories that may be supplied with it does not bear UKCA marking for the Pressure Equipment (Safety) regulation, and are supplied in accordance with Article 4, paragraph 3 of 2014/68/EU by using SEP (sound engineering practice) in the design and manufacturer and are provided with adequate instructions for use.

On behalf of the above named company, we the manufacturer declare under our sole responsibility 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.

Andrew M.V. Stokes, Technical Director.

July 2021

Ely, UK.