

EU Declaration of Conformity

The undersigned, representing the manufacturer:

Senscient Limited
Unit F1, Arena Business Centre
Holyrood Close, Poole, Dorset
BH17 7FP UK

Hereby declares that the product(s), listed below:

Senscient ELDS 1000/2000 Series Open Path & Cross Duct Gas Detectors

Are in conformity with the provisions of the following EU Directive(s), when installed, operated, serviced and maintained in accordance with the supplied manufacturers installation and operating/service documentation:

2014/30/EU EMC Directive
2014/34/EU ATEX Directive

And that the standards and/or technical specifications referenced below have been applied and/or considered:

EMC Standards:

EN50270: 2015 Electromagnetic Compatibility – Electrical Apparatus for the Detection and Measurement of Combustible Gases Toxic Gases or Oxygen - (Test Report TRA-035003-38-01A)

ATEX Standards:

EN60079- 0: 2012+A11:2013 Explosive Atmospheres – Part 0: Equipment General Requirements
EN60079- 1: 2014 Explosive Atmospheres – Part 1: Equipment Protection by Flameproof Enclosures “d”
EN60079-31:2014 Explosive Atmospheres – Part 31: Equipment dust ignition protection by enclosures “t”
(Baseefa Certification Report No 15/0613)

EN60079-28-2015 Explosive Atmospheres – Part 28: Protection of equipment and transmission systems using optical radiation.

EN60529 +A1: 1991/2001 Degree of Protection Provided by Enclosures (IP Code). (Baseefa Certification Report No 09C0810)

Design/Construction: In Accordance with Good Engineering Principles

Certification: II 2 GD Ex db IIB + H2 T5 Gb Ex tb IIIC T100°C Db, IP66/67 Tamb - 40°C to + 60°C

Notified Body for ATEX:

Baseefa Ltd
Rockhead Business Park
Staden Lane Buxton
Derbyshire
SK17 9RZ
UK

Certificate No(s):

Baseefa10ATEX0066X
Notified Body No: 1180

Notified Body for QAN

FM Approvals Ltd
1 Windsor Dials
Windsor
Berkshire
SL4 1RS
UK

Certificate No(s):

FM10ATEXQ0010
Notified Body No: 1725

Year of CE Marking:

Commencement: 2010

For and on behalf of the authorised manufacturer in the EU community:

Signature:



Date of Signature:

28/3/2018

Name:

Lee Richman

Position:

Chief Technical Officer, (MSA/Senscient Limited, Poole, Dorset, UK.)