IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	**IECEx EXV 16.0004X**	Page 1 of 5	Certificate history:
Status:	**Current**	Issue No: 2	Issue 1 (2017-01-19) Issue 0 (2016-05-20)
Date of Issue:	2021-07-16		
Applicant:	**Oliver IGD Ltd. (International Gas Detectors)** Triton House Crosby Street Stockport SK2 6SH **United Kingdom**		
Equipment:	**MK3 or B Gas Detector Head**		
Optional accessory:			
Type of Protection:	**Flameproof 'db', Dust ignition protection by enclosure 'tb'**		
Marking:	Ex db IIC T6 Gb Ex tb III C T85°C Db -20°C≤T_{amb}≤+40°C	Ex db IIC T5 Gb Ex tb III C T100°C -20°C≤T_{amb}≤+55°C	

Approved for issue on behalf of the IECEx Certification Body: **Sean Clarke CEng MSc MIET**

Position: **Certification Manager**

Signature: (for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

ExVeritas Limited
Units 16-18 Abenbury Way
Wrexham Ind. Est.
Wrexham LL 139UZ
United Kingdom

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Manufacturer: **Oliver IGD Ltd. (International Gas Detectors)**
Triton House
Crosby Street
Stockport SK2 6SH
United Kingdom

Additional manufacturing locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements.This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :
The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

GB/EXV/ExTR16.0004/00 GB/EXV/ExTR16.0029/00 GB/EXV/ExTR21.0067/00

Quality Assessment Report:

GB/EXV/QAR16.0001/03

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The gas detector heads consist of stainless steel body, insert and sintered element. The body and insert are connected by a threaded flamepath. The insert can only be removed by a bespoke tool. In addition, the threaded flamepath is sealed with cement. The sintered element is cemented into the insert. The rear of the body incorporates a cemented bushing assembly, this facilitates the passage of flying leads from inside to outside the enclosure. The flying leads are to be to be terminated in a suitably certified enclosure. The gas detector heads have a maximum power dissipation of 1 W.

SPECIFIC CONDITIONS OF USE: YES as shown below:
1. The free end of the permanently connected cable shall be protected in accordance with IEC 60079-0:2017 Clause 14.1

2. In accordance with IEC 60079-1:2014 Annex C, the rear end of the bushing shall be protected by fitting into a suitably certified enclosure. In addition, the bushing shall not be subjected to torque during installation or operation.

3. The product shall not be connected to portable equipment.

4. The product shall be earthed in accordance with IEC 60079-0:2017 Clause 15 when fitted to a suitably certified enclosure.

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Equipment (continued):

Technical Documents:

Title:	Drawing No.:	Rev. Level:	Date:
Pellistor Engraving Detail	3454001	8	14.06.21
MK3 & Type B pellistor Assy	5116101	2	2016.10.10

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
The following changes are introduced in this issue:

- Update to IEC 60079-0 Edition 7.0
- Revise applicant/manufacturing address to reflect change of post code