



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx CSA 16.0054 Issue No: 0 Certificate history:
Issue No. 0 (2017-05-03)

Status: **Current** Page 1 of 3

Date of Issue: **2017-05-03**

Applicant: **Dräger Safety AG & Co KGaA**
Revalstr. 1, 23560 Lübeck
Germany

Equipment: **Portable Single Gas Detector**
Optional accessory:

Type of Protection: **Ex ia**

Marking:
Ex ia I Ma
Ex ia IIC T4 Ga
Tamb: -40C to +55C

*Approved for issue on behalf of the IECEx
Certification Body:*

Dorin Stochitoiu

Position:

Technical Advisor

*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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

CSA Group
178 Rexdale Boulevard
Toronto, Ontario M9W 1R3
Canada





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Manufacturer: **Dräger Safety AG & Co. KGaA**
Revalstr. 1, 23560 Lübeck
Germany

Additional Manufacturing location(s):

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 electrical apparatus 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 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

*This Certificate **does not** indicate compliance with electrical 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 Report:

[CA/CSA/ExTR16.0061/00](#)

Quality Assessment Report:

[DE/BVS/QAR06.0001/12](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The battery powered handheld Gas Detector Series MOG 00** comprise an electro-chemical sensor, suitable for the detection of Toxic Gases and Oxygen. The measured gas concentration is being indicated on the product display. Upon reaching programmable alarm thresholds a visual, audible and vibrating alarm is activated.

The devices are comprised of a single printed circuit board housed within a non-metallic enclosure. The printed circuit board is secured between the front and back half of the enclosure, which are fastened with screws. The device is powered by a single, 3.6 V battery (Draeger ref. LBT 01**).

A data link to external equipment is provided by an optical infrared communication interface. Additionally, an optional Bluetooth or Near Field Communication (NFC) module may be fitted.

SPECIFIC CONDITIONS OF USE: NO

See Annex attached to this certificate for details.

Note: An advisory warning exists on the label of MOG 00**, as an alternative to the requirement for the "X" marking, which refers the user to the product manual for specific conditions of use.

Annex:

[Annex_to_IECEx_CSA_16_0054_Issue-0.pdf](#)



Specific Conditions of Use:

- Under certain extreme circumstances, exposed plastic and unearthed metal parts of the enclosure may store an ignition-capable level of electrostatic charge.
- Activities such as placing the device in a pocket or on a belt, operating the keypad or cleaning with a damp cloth, do not present a significant electrostatic risk. However, where a static-generating mechanism is identified, such as repeated brushing against clothing, then suitable precautions shall be taken, e.g. the use of anti-static clothing and footwear.

Note: An advisory warning exists on the label of MOG 00**, as an alternative to the requirement for the “X” marking, which refers the user to the product manual for specific conditions of use.