



Approvals / Marking

Dräger X-pid xx00
Sensor Unit

Type: HMG 00** P/N:

Dräger MSI GmbH
58093 Hagen, Germany



Ex ia IIC T4 Ga, -10 °C ≤ Ta ≤ +40 °C

IEBExU17ATEX1148 X, IECEx IBE 17.0042X

Class I, Div. 1 Group A, B, C & D T4, Ex ia; Class I, Zone 0, A/Ex ia IIC T4 Ga; CSA18CA70186622

Warning: Read manual for safety precautions. Do not charge battery in hazardous locations.

Avertissement: Lire attentivement le manuel avant utilisation. Ne pas recharger la batterie dans des zones soumises au risque d'explosion.

Ucharge = 12 VDC (use only device-specific charger)

contains FCC ID: QQQBLE121LR, contains IC: 5123A-BGTBLE121LR

Serial No.*

* Serial Number key:

The third letter of the serial number specifies the manufacturing year: M = 2019, N = 2020, P = 2021, R = 2022, S = 2023, T = 2024, U = 2025, W = 2026, X = 2027, Y = 2028, Z = 2029, etc. (Letters G, I, O, Q are omitted)

Example: Serial Number ARMB-0001: the third letter is M, which means that the unit was manufactured in 2019.

Radio:

frequency band: 2402-2480 MHz

transmitted power (max.): 6.0 dBm

Only for USA:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC responsible party:

Draeger Inc.

7256 S. Sam Houston W. Parkway

Suite 100

Houston, Tx 77085 USA

phone: +1 346-802-6111

e-mail: DIHouston.Approvals@draeger.com

Only for Canada:

CAN ICES-3 (B)/NMB-3(B)

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



EU-Konformitätserklärung
EU-Declaration of Conformity

Dokument Nr. / Document No. K5600970-01

Wir / we Dräger MSI GmbH, Rohrstraße 32, 58093 Hagen, Germany

erklären in alleiniger Verantwortung, dass das Produkt
declare under our sole responsibility that the product

Gasmessgerät Typ HMG 00** (Dräger X-pid xx00)
Gas Detector type HMG 00** (Dräger X-pid xx00)

mit der EU-Baumusterprüfungsberecheinigung / Expertise
is in conformity with the EU-Type Examination Certificate /
Expertise

ausgestellt von der zertifizierten
Stelle nach den Vorschriften des Notified Body
issued by the notified body
with identification No.
D-09599 Freiberg
06337

und mit den folgenden Richtlinien unter Anwendung der aufgeführten Normen übereinstimmt
and is in compliance with the following directives by application of the listed standards

Bestimmungen der Richtlinie provisions of directive		Nummer sowie Ausgabedatum der Norm Number and date of issue of standard
2014/34/EU	ATEX-Richtlinie ATEX Directive	EN 60079-0:2012+A11:2013, EN 60079-11:2012
2014/53/EU	RED-Richtlinie RED Directive	EN 300 328-Y2.1:2016 EN 62311:2008, EN 62479-2010 EN 61326-1:2013 Susceptibility: industrial emission: residential EN 301 489-1 V2.0, EN 301 489-17 V3.2.0
2011/65/EU	RoHS-Richtlinie RoHS Directive	EN 50561:2012

Überwachung der Qualitäts-
sicherung Produktion durch
Surveillance of Quality Assurance
Production by

Hagen, 2018-09-03

Ort und Datum (jjjj-mm-tt)
Place and date (yyyy-mm-dd)

Stefan Gebhard
Head of Research & Development



Erklärung
Declaration

Dokument Nr. / Document No. K5600970-01

Wir / we Dräger MSI GmbH, Rohrstraße 32, 58093 Hagen, Germany

erklären in alleiniger Verantwortung, dass das Produkt
declare under our sole responsibility that the product

Gasmessgerät Typ HMG 00** (Dräger X-pid xx00)

Gas Detector type HMG 00** (Dräger X-pid xx00)

mit den folgenden Normen übereinstimmt
is in compliance with the following the listed standards

Kategorie Category	Nummer sowie Ausgabe der Norm Number and issue of standard
IECEx	IEC 60079-0:2011, IEC 60079-11:2011
CSA	CSA-C22.2 No. 61010-1-12, C22.2 No. 60079-0 6th Ed.: 2015, C22.2 No. 60079-11 6th Ed.: 2014
UL	UL Std. No. 61010-1 3rd Ed., UL 60079-0 8th Ed.: 2013, UL 60079-11: 6th Ed.: 2013