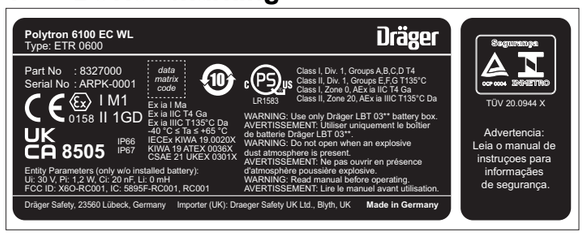
Dräger Polytron® 6100 EC WL
Dräger Polytron® Repeater ISA100

1 Device marking



Model	Product	Type of communication
RC001	**Polytron 6100 EC WL** **Polytron Repeater ISA100**	**ISA100**
RC002	Polytron 6100 EC WL Polytron Repeater ISA100	ISA100
RC003	Polytron 6100 EC WL Polytron Repeater WirelessHART	HART

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, V are omitted)

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

Radio

Max. radiated power:

Bluetooth® LE: <20 dBm EIRP

ISA 100: <20 dBm EIRP

Operating frequency:

Bluetooth® LE: 2402-2480 MHz

ISA 100: 2405-2480 MHz

2 Battery

⚠ WARNING

Fire, explosion and severe burn hazard!

► Do not recharge, crush, disassemble, heat above 100 °C (212 °F), incinerate or expose contents to water. Contains lithium and lithium chloride. In case of fire, extinguish with plenty of cold water.

3 Limited Manufacturer Guarantee

We are going paperless.

Scan the QR code and enter document number 9300856.

www.draeger.com/ifu

9300856

4 Europe

EU-Declaration of Conformity

Dräger

CE

EU-Konformitätserklärung
EU-Declaration of Conformity

Dokument Nr. / *Document No.* SE24908-01

Wir / *we* Dräger Safety AG & Co. KGaA, Revalstraße 1, 23560 Lübeck, Germany

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

Gasmessgerät Typ ETR 0610 (Polytron 6100 EC WL[1])
Gas Detection Instrument type ETR 0610 (Polytron 6100 EC WL[1])

mit der EU-Baumusterprüfbescheinigung / Expertise **KIWA 19 ATEX 0036X**
is in conformity with the EU-Type Examination Certificate / Expertise

ausgestellt von der notifizierten Stelle mit der Kenn-Nr.
issued by the Notified Body with Identification No.

CSA Group Netherlands B.V.
Utrechtseweg 310,
Building B42
6812 AR, The Netherlands
28130

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 IEC 60079-0:2018, EN 60079-11:2012
2014/53/EU	RED-Richtlinie *RE Directive*	EN 301 489-1 V2.2.0; EN 301 489-17 V3.2.0 EN 300 328 V2.2.2; EN 62311:2008 EN 62368-1:2014 EN 50270:2015+A1:2019+AC:2016 susceptibility: type 2 emission: type 1
2011/65/EU 2015/863/EU	RoHS-Richtlinie *RoHS Directive*	EN IEC 63000:2018

1) Type: RC001

Überwachung der Qualitätssicherung der Produktion nach Modul D durch
Surveillance of Quality Assurance Production acc. Module D by

DEKRA Testing and Certification GmbH
Handwerkstraße 15
D-70565 Stuttgart
0158

Lübeck, 2023-03-10

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

Dr. Marcus Rombe
Head of Product Compliance
Safety Products
Research & Development Safety Division

Dräger

CE

EU-Konformitätserklärung
EU-Declaration of Conformity

Dokument Nr. / *Document No.* SE24909-01

Wir / *we* Dräger Safety AG & Co. KGaA, Revalstraße 1, 23560 Lübeck, Germany

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

Gasmessgerät Typ ICU 0110 (Polytron Repeater ISA[1])
Gas Detection Instrument type ICU 0110 (Polytron Repeater ISA[1])

mit der EU-Baumusterprüfbescheinigung / Expertise **KIWA 19 ATEX 0036X**
is in conformity with the EU-Type Examination Certificate / Expertise

ausgestellt von der notifizierten Stelle mit der Kenn-Nr.
issued by the Notified Body with Identification No.

CSA Group Netherlands B.V.
Utrechtseweg 310,
Building B42
6812 AR, The Netherlands
28130

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 IEC 60079-0:2018, EN 60079-11:2012
2014/53/EU	RED-Richtlinie *RE Directive*	EN 301 489-1 V2.2.0; EN 301 489-17 V3.2.0 EN 300 328 V2.2.2; EN 62311:2008 EN 62368-1:2014 EN 50270:2015+A1:2019+AC:2016 susceptibility: type 2 emission: type 1
2011/65/EU 2015/863/EU	RoHS-Richtlinie *RoHS Directive*	EN IEC 63000:2018

1) Type: RC001

Überwachung der Qualitätssicherung der Produktion nach Modul D durch
Surveillance of Quality Assurance Production acc. Module D by

DEKRA Testing and Certification GmbH
Handwerkstraße 15
D-70565 Stuttgart
0158

Lübeck, 2023-03-10

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

Dr. Marcus Rombe
Head of Product Compliance
Safety Products
Research & Development Safety Division

5 USA and Canada

The cable gland must fulfill the degree of protection IP66/67 (see end of page).

Le presse-étoupe doit répondre au degré de protection IP66/67 (voire bas de page).

6 USA

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

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.

Note: 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.

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

7 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.

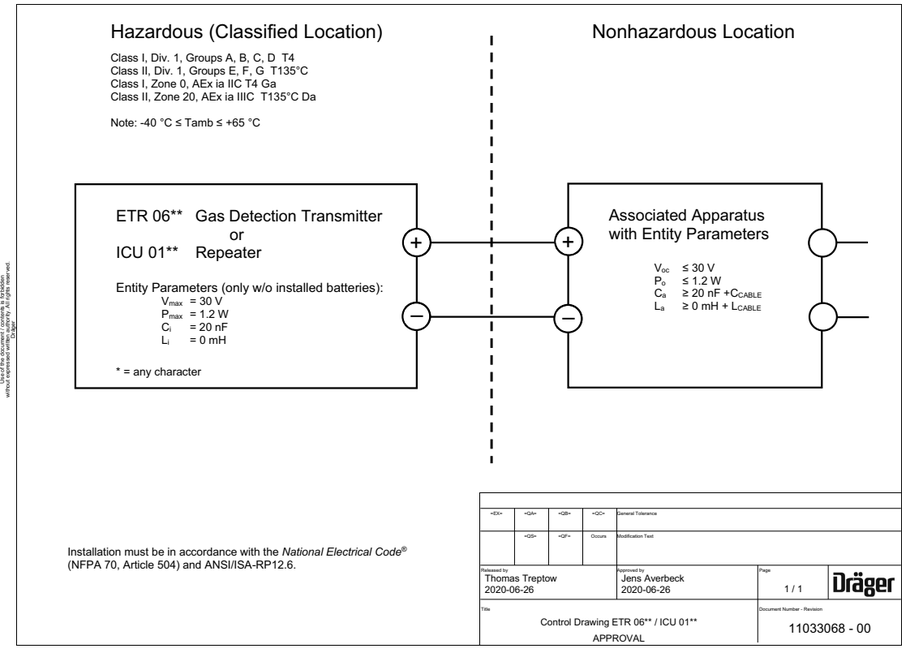
L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

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.

8 Japan

8.1 アンテナについてのご注意

本製品は、技術基準適合証明（工事設計認証）を取得した無線モジュールを 内蔵しており、当社指定の認証取得済みアンテナ / 延長ケーブル（別売品） に限り本製品でお使い頂けます。詳細は、当社営業担当または当社販売代理店 までお問い合わせください。



93 00 060 - SD 4683.630

Edition 06 - June 2023 (Edition 01 - February 2019)
Subject to alteration

Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
www.draeger.com
Tel +49 451 882 0
Fax +49 451 882 20 80