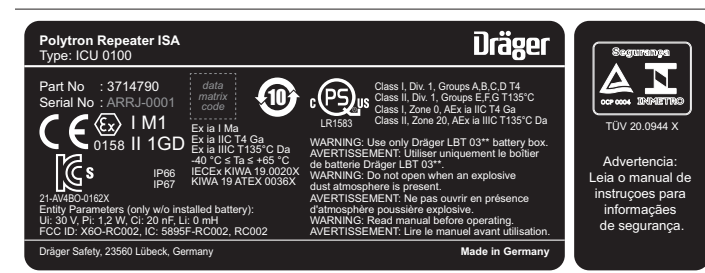
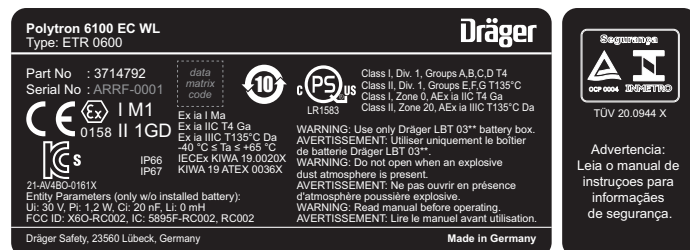




1 Device marking



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
ISA100: <20 dBm EIRP

Operating frequency:
Bluetooth® LE: 2402-2480 MHz
ISA100: 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



EU-Konformitätserklärung EU-Declaration of Conformity

Dokument Nr. / Document No. 11243556-01

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 06*0, ICU 01*0 (Polytron 6100 EC WL¹⁾, Polytron Repeater ISA¹⁾)
Gas Detection Instrument type ETR 06*0, ICU 01*0 (Polytron 6100 EC WL¹⁾, Polytron Repeater ISA¹⁾)

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

KIWA 19 ATEX 0036X

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 300 328 V2.2.2, EN 301 489-1 V2.2.3; EN 301 489-17 V3.2.4 EN 50270:2015+AC:2016 susceptibility: type 2 emission: type 1 EN 62479 :2010 EN 62368-1:2014
2011/65/EU 2015/863/EU	RoHS-Richtlinie RoHS Directive	EN IEC 63000:2018

¹⁾ Type: RC002

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

DEKRA Testing and
Certification GmbH
Handwerkstr. 15
D-70565 Stuttgart
0158

Lübeck, 2023-10-13

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

Ingo Rogoch
Head of R&D Safety

5 UK

Importer (UK):

Draeger Safety UK Ltd.

Ullswater Close,

Blyth Riverside Business Park

Blyth, Northumberland NE24 4RG

United Kingdom

pement 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.

La distance de conformité selon le RSS-102 est de 20 cm.

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.

Compliance Distance according to RSS-102 is 20 cm.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Dévelop-