

Dräger Polytron® 6100 EC WL
Dräger Polytron® Repeater ISA100



Notes on Approval



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 Limited Manufacturer Guarantee

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 www.draeger.com/ifu

9300856

3 Europe

EU-Declaration of Conformity

4 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

5 Canada

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 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.

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

CAN ICES-003(B) / NMB-003(B)

