DRAFT - 19.09.24
Edition 01 - September 2022 - 9300897

Dräger BG ProAir
NIOSH Approvals

Approvals
The closed-circuit breathing apparatus is approved according to NIOSH 42 CFR Part 84, subpart H. Only combinations that are approved by NIOSH may be used (see approval matrix). Otherwise the correct functioning of the device may be compromised.

The Connect ECU meets the explosion-protection requirements of the following standards:

- UL 913, 60079-0, 60079-11
- CSA C22.2 No. 60079-0, 60079-11

Listed

Intertek

4002807

The device is classified as follows:

Class I, Zone 0, AEx ia IIC T4 Ga
Zone 20, AEx ia IIIB T200°C Da

Ex ia IIC T4 Ga
Ex ia IIIB T200°C Da

Class I, Division 1, Groups A, B, C, D T4
-30°C ≤ Ta ≤ +50/60°C

Approved batteries
for temperature range -22 °F to +140 °F (-30 °C to +60 °C), T4:

- Simply Duracell (Alkaline)
- Duracell Procell (Alkaline)
- Varta Industrial Pro (Alkaline)
- Energizer Ultimate (Lithium)
- Ansmann Industrial (Lithium)
- Huiderui FR14505 (Lithium)

for temperature range -22 °F to +122 °F (-30 °C to +50 °C), T4:

- Duracell Plus (Alkaline)
- Panasonic Powerline (Alkaline)

Dräger recommends to use Energizer Ultimate batteries, especially for use below 32 °F (0 °C).

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.

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 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. The equipment should be installed and operated keeping the radiator at least 5 cm or more away from person's body.

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.

Approval matrix

approval matrix to be added

9300897 - 1114.800

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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

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