



SMOKE DIVER KIT

SDK-20



1. Helmet-Com Unit

- IECEx Approved
- IP65
- Hand free communication
- Bone connection microphone

Part No. B00231



2. Push to Talk unit

- IECEx Approved
- IP67
- Adapts headset to two-way radio
- Large tactile "glove friendly" PTT button

Part No. B00569



3. Two-way portable radio

- IECEx Approved
- IEC60945 Approved
- IP54
- Analog VHF Radio
- Frequency setting available as request

Part No. B00909

All Smoke Diver Kit components are IECEx / IEC60945 Approved

Tech Gas Asia supplies Smoke Diver Kit for the fire fighter's two-way portable radio communication. Smoke Diver Kit makes a perfect combination with fire fighter's breathing mask. This is the ideal communication solution for fire and rescue, special task operations on the vessel or offshore platform. We will be pleased to provide data sheet of complete items on request.

MSC.338 (91) Rule Regulation

For ships constructed on or after 1 July 2014, minimum of two two-way portable radiotelephone apparatus for each fire party for fire-fighter's communication shall be carried on board. Those two-way portable radiotelephone apparatus shall be of an explosion-proof type or intrinsically safe. Ships constructed before 1 July 2014 shall comply with the requirements of this paragraph not later than the first survey after 1 July 2018.

Micro Phone

Part No. B00231

Speaker

Installation Guide

Specification

1. Weight : 0.085kg
2. Operating Temperature : -25°c to +63°c
3. Ingress Protection : IP56
4. IECEx Marking : Ex ib IIC T4 Gb / Ex ib IIIC T100°c Db
5. Audio Output : 82dB+ / -2dB / 0.2W / 0.5m
6. IP Grade : IP65

PTT BUTTON

PERSPECTIVE VIEW

Part No. B00569

TOP VIEW

FRONT VIEW

Specification

1. Weight : 0.14kg (with the Connector Cable)
2. Operating Temperature : -40°c to +85°c
3. Storage Temperature : -25°c to +85°c
4. Humidity : 100%+40°c / 21days
5. ESD,EMI Immunity : Conforms to EN 301 489-1 and EN 301 489-18
6. Ingress Protection : IP67
7. IECEx Marking : Ex ib IIC T4 Gb / Ex ib IIIC T100°c Db
8. IP Grade : IP67

Antenna

LED Indicator

PTT Key
Push and Hold to transmit or release to receive signal.

Up Key
Select the channel or scroll menu function.

Down Key
Select the desired channel or scroll menu function.

ON-OFF/Volume Knob
Turn the Power/Volume control knob clockwise to turn the engine on.

Speaker

Microphone

LCD Display

Menu/Select Key

Accessory Connector
Connects headsets, remote Speaker/microphones and other accessories. Replace attached dust cap when not in use.

Belt Clip

Part No. B00909

VHF Radio Specification

1. Frequency Range :138 ~ 174 MHz
2. Channels : 255 Channels
3. Channel Spacing : 12.5kHz/25kHz
4. Operating Temperature Range : -20°c to +45°c
5. Weight : 0.285kg (with Rechargeable Battery)
6. IECEx Marking : Ex ib IIC T4 Gb Ta
7. IEC60945 Approved / IP54
8. Output : 2W
9. Modulation : 8K50F3E / 16K0F3E