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▶ Pac® 6500

CO, H2S, SO2 or O2 single gas detector

Technical specifications

Pac® 6500 single gas detector
Pac® 6500 personal single gas detector quickly and accurately measures concentrations of CO (carbon monoxide) or H2S (hydrogen sulfide) or SO2 (sulfur dioxide) or enven O2 (oxygen deficiency). Quick sensor response times and a powerful battery also ensure safety.

Dimensions without clip (Wl x H x D): 64 x 84 x 20 mm
Weight: Approx. 106 g (113 g with clip)

Battery service life:
• 2 years for CO, H2S or SO2
• > 10 months for O2 sensor
Protection class: IP68
Air pressure: from 700 to 1 300 hPa
Air humidity: from 10 to 90 % relative humidity, non-condensing

Temperature: -30 °C to +55 °C
Approvals: cCSAus, IECEx, ATEX, CE

Gas	Measuring range	Alarm thresholds (A1 / A2)	Ref.
Hydrogen sulfide	0 - 100 ppm	5 / 10 ppm	83 26 330
Carbon monoxide	0 - 2000 ppm	30 / 60 ppm	83 26 331
Oxygen	0 - 25 % vol. O2	19 / 23 % vol.	83 26 332
Sulfur dioxide	0 - 100 ppm	0.5 / 1.0 ppm	83 26 333

Product description

▶ Maximum efficiency and safety
Pac® 6500 can easily handle even extreme conditions. Depending on the sensor, temperatures from -40°C to 55°C can be tolerated..

A membrane filter protects the sensor from foreign matter such as dust and liquids. Its shock-proof, chemical-resistant housing meets the requirements specified in the IP68 standard rating.

▶ Easy handling thanks to clear user guidance
The D-Light LED indicates wether if the device is properly working and whether it is ready to use.

The **Pac® 6500** housing is also designed for maximum safety: each sensor variant features clearly visible colour coding, thereby minimising the chance of mistakes.

▶ User-friendly display with all important information
The large display is word-free and clearly indicates the respective gas concentration. Other important information, such as the battery capacity, is also displayed. The bright backlighting ensures that all values are clearly legible in the dark.

▶ Audible, visual and vibrating alarm
If the **Pac® 6500** measures hazardous gas concentrations, it sets off an audible, visual and perceptible vibrating alarm. Two bright, flashing LEDs on the top and bottom of the device ensure that the alarm is easily visible from all sides.

The acoustic signal reaches a volume of 90 dB. The display can show the peak concentration measured at any given moment. Earlier alarms registered can also be retrieved at a later time even if they have been acknowledged.

▶ Water- and dust-resistant
The **Pac® 6500** is protected against water, dust and other foreign bodies by a special membrane filter.

When the filter becomes heavily soiled in use, user can quickly and easily replace it. The device is then ready to use again right away.

▶ Data logger and event logger
The **Pac® 6500** logs concentrations and events along with the date and time. The data can be loaded on a PC via an interface and processed further there.