Measuring devices
Room gas monitoring devices

3-026-R200
GasSafetyMonitor

The central control unit of the DILO room air monitoring system displays the measured values and messages from the connected sensors. These sensors measure the concentrations of various gases in the room air.

The monitor is used to display and record measured values and to register messages. The potential-free relays can be used to control further warning devices. Up to 32 sensors can be controlled and monitored. The proven DILO operating concept allows warning and alarm limit values to be managed and important sensor information to be accessed.

The sensors are installed using the plug & play method, making them extremely easy to use. Measured values and messages are stored and can be accessed on the 7' colour touchscreen as required.

The actual product may differ slightly from the image.

Special features

- Gas type: SF_6
- Gas type: C4-FN
- Gas type: O_2
- Gas type: CO_2
- Gas type: SO_2
- Gas type: CO

Advantages & functions

- Different acoustic signals for messages such as error, warning and alarm
- Coloured optical messages on both the monitor and the sensor
- Stores the last 100 messages
- Individual naming of the monitor and the connected sensors possible
- Permanent display of the measured values of all connected sensors
- Sensors are connected via an RJ45 cable (Ethernet and Power over Ethernet (PoE))
- Up to three sensors can be connected and supplied directly to the monitor
- Can be expanded to up to 32 sensors by using PoE switches
- Max. cable length of 100m, transmission distance can be extended by using an intermediate PoE switch

Technical data

Dimensions (W x H x D)	238 x 213 x 77 mm
Weight	0.7 kg
Indication	Colour touch screen 17.8 cm (7")
Connection	Max. 32 sensors; up to 3 sensors directly on the monitor (PoE), additional sensors can be installed via PoE switch
Connection	Ethernet; 4 RJ45 socket
Operating voltage	80 - 264 V AC
Operating voltage	113 - 370 V DC
Frequency	47 - 63 Hz
Ambient moisture	max. 95 % relative moisture, non condensing
Operating temperature	-10 to +40 °C
Storage temperature	-20 to +60 °C
Protection class	IP 41
Sound level	75 dB integrated alarm

Optional accessories

05-1093-R001	External visual and acoustic alarm signal 230 V/AC
05-1093-R003	External visual and acoustic alarm signal 115 V/AC
05-1587-R013	1 m long RJ45 Ethernet cable
05-1587-R010	2 m long RJ45 Ethernet cable
05-1587-R015	5 m long RJ45 Ethernet cable
05-1587-R019	10 m long RJ45 Ethernet cable
05-1587-R020	20 m long RJ45 Ethernet cable
05-1587-R021	30 m long RJ45 Ethernet cable
05-1587-R022	60 m long RJ45 Ethernet cable
05-1587-R024	100 m long RJ45 Ethernet cable
3-026-R201	5 Port PoE switch with power supply and housing
3-026-R202	8 Port PoE switch with power supply and housing

Note

Note:

The Monitor can directly supply up to three Sensors without their own power supply. If more than three sensors are required, a maximum of two sensors can be connected to the monitor. The third connection is required for a PoE switch (with own power supply) connected downstream that integrates additional sensors.
An RJ45 Ethernet cable is necessary per connected Sensor (3-026-R205 - 235) and PoE Switch.
It is also possible to combine different Sensor types with each other, if desired.