

3-026-R200

## GasSafetyMonitor

The central management, supply and control unit displays the measured values and messages of the connected Sensors which measure the concentration of different gases in ambient air.

The Monitor allows to display and record the measured values as well as to register messages. The potential-free relays serve for controlling further warning systems. Up to 32 Sensors can be controlled and monitored. Thanks to the well-proven DILLO operating and setting principle, important data, warning and alarm limit values can be retrieved.

The installation and maintenance of the Sensors via the plug-and-play concept makes handling very comfortable. Measured values and messages are stored and can be retrieved on the 7" colour touch screen, if necessary.



### Special features

- Gas type: SF<sub>6</sub>
- Gas type: C4-FN
- Gas type: O<sub>2</sub>
- Gas type: CO<sub>2</sub>
- Gas type: SO<sub>2</sub>
- Gas type: CO

### Advantages & functions

- different acoustic warning, alarm and error signals
- coloured visual messages on both the Monitor and the Sensor
- registration of all messages in the device
- individual naming of the Monitor and connected Sensors
- permanent display of the measured values, control and settings 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 via the Monitor
- the additional Sensors can be connected via a PoE injector switch until the maximum number is reached
- max. cable length of 100 m, extension of transmission distance possible by interconnecting 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 connected downstream that integrates additional sensors.

A fourth RJ45 connector on the monitor is provided for connection to an external network (e.g. network for substations IEC 61850).

An RJ45 Ethernet cable is necessary per connected Sensor (3-026-R205 - 235).

It is also possible to combine different Sensor types with each other, if desired.