



Single Gas

Reliable and durable single-gas detector with limited lifetime in a compact and maintenance-free design



Item no. 271506
Single Gas H₂S

Item no. 271507
Single Gas CO

Item no. 271505
Single Gas O₂

- Operational life of up to 2 years
- full factory warranty of 18 months
- Measurement of H₂S, CO and O₂ ensures the safety of the worker
- reduces training time
- loud audible alarm, bright visual alarm, vibrating alarm
- programmable alarm levels and screen presentation
- 0.1 ppm resolution for real-time display of gas concentration
- Shelf life up to 12 months before activation
- Self-test function
- note for function tests and reminder programmable
- Event log via IR interface
- „Bump check“ confirmation identification

PICTURES OF APPLICATION



Single Gas

The Single Gas is a reliable and durable single-gas detector (CO, O₂ and H₂S) with limited lifetime. The warning device is available in a compact and maintenance-free design, to ensure the safety of the user in hard working conditions.

The Single gas stores by default the last 25 happenings. The data is stored on a First-In-First-Out principle. This information can be downloaded via the IR communication module.

INFORMATIONS

- Serial number
- Number of events
- Bump-Test (yes or no)
- Alarm condition
- remaining lifetime
- Date and time of each event
- Number of performed self-tests
- Highest measured gas concentration in ppm or%

TECHNICAL DATA

Dimensions	81 mm x 50 mm x 28 mm (WxHxD)
Weight	76 g
Temp. range	H ₂ S: -40°C to +50°C; CO: -40°C to +50°C; O ₂ : -35°C to +50°C
Humidity	5 % to 95 % non-condensing relative humidity
Alarms	Visual, vibrating, audible (minimum 95dB)
LED's	LEDs on top, front and side
Display	Alphanumeric LCD Graphics display
Tests	Full function self-test on activation and every 20 hours; continuous automatic battery tests
Operational Life	up to 2 years, at 4 alarm minutes per day
Protection type	IP 66/67
Certifications	ATEX II 1G Ex ia IIC T4 Ga; IECEx Ex ia IIC T4
Warranty	18 months from activation 1 year shelf life
Gases	H ₂ S 0 - 100 ppm CO 0 - 300 ppm O ₂ 0 - 30 %
Optional accesoires	ESDERS IR communication module communicates directly with the Single Gas to program special alarm set points, user options, as well as, download event logs & data logs

Technical specifications subject to change! Status 2019/12

