

# Gas sensors for GM 2.1, test gas unit for gas alarm unit/sensors



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## Gas sensor GS 4.1

**Description** Semiconductor gas sensor in plastic housing for connection to gas detector GM 2.1. To be used in dry rooms (e.g. heating facilities). Detectable gases: methane, propane, butane. LEDs at the sensor indicate the operating and alarm state of the gas alarm system:

- LED green: Operation
- LED yellow: Fault
- LED red: Gas alarm

### Technical specifications

#### Measured gas

Flammable gases and vapours in ambient air. Gas sensors are cross-sensitive to hydrocarbons, lacquers, solvents, alcohols and similar media.

#### Measuring range

0–50 % LEL

#### Measuring principle

Semiconductor (service life approx. 5 years, depending on the operating conditions)

#### Operating temperature range

Ambient: 0/50 °C

#### Humidity

Max. 75 % r.h.

#### Housing

Wall mounting plastic housing  
W x H x D 80 x 80 x 36 mm  
Weight: Approx. 100 g

## Test gas bag PGT 10 for gas alarm units/sensors

For checking, servicing and repairing gas alarm systems. Nylon bag with test gas cap and with-drawal unit (valve, flow meter with stainless steel float for gas flow regulation from 0.5–1.5 l/min and test gas tube). Can accommodate 1 to 3 test gas cylinders.

Calibration gas not included in scope of delivery; please order separately.



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#### Gas sensor calibration

Prior to shipment, the gas sensors are calibrated and documented to the gas specified by the customer. Therefore, please always indicate the gas type when ordering.

	PG	DG			Part no.	Price €
<b>Gas sensor GS 4.1 methane</b>	4	H	1	-	<b>61188</b>	
<b>Gas sensor GS 4.1 Propane/Butane</b>	4	H	1	-	<b>61189</b>	
<b>Test gas bag PGT 10</b> incl. sampling unit (without gas cylinder)	4	H	1	-	500542	
<b>Sampling unit MiniFlo</b> , brass valve and Perspex flow meter with stainless steel float for gas flow control from 0.5 to 1.5 l/min, test gas hose	3	E	1	-	<b>69050</b>	
<b>Calibration gas methane 20 % LEL</b> , non-recyclable cylinder containing 12 l	2	E	1	-	69060	
<b>Calibration gas methane 40 % LEL</b> , non-recyclable cylinder containing 12 l	2	E	1	-	69061	
<b>Calibration gas propane 20 % LEL</b> , non-recyclable cylinder containing 12 l	2	E	1	-	69062	
<b>Calibration gas propane 40 % LEL</b> , non-recyclable cylinder containing 12 l	2	E	1	-	69063	
<b>Calibration gas carbon monoxide (300 ppm)</b> , non-recyclable cylinder containing 12 l	2	E	1	-	69064	
<b>Synthetic air for zero point calibration</b> , non-recyclable cylinder containing 12 l	2	E	1	-	69065	

Enquire for other calibration gases and concentrations.