

Gas sensors for GW-S 2.1/GW-S 4.1/GW-SK 6.1



Description For the detection of flammable, explosive, toxic gases or oxygen. Can also be used in dusty and dirty environments. For connection to the gas alarm units GW-S, GW-S4 and GW-SK. Aluminium wall mounting design. Connection cable (shielded) 3 x 1.5 mm² Cu+ protective conductor, signal and return conductor (max. 100 Ohm line resistance).

Technical specifications

GS 400 ST

Measuring range

0–50 % LEL

Measuring principle

Semiconductor (HL)
(service life approx. 5 years)

Supply voltage

24 V DC, ± 5 %

Ambient temperature

-10/+50 °C

Humidity

40/50 % rH

Housing

W x H x D: 90 x 85 x 65 mm
Weight: Approx. 0.5 kg
Degree of protection: IP 54 (EN 60529)

Output

4–20 mA

GS 500 ST

Measuring range

0/99 % LEL

Measuring principle

Heat tone (WT)
(service life approx. 3 years)

Supply voltage

24 V DC, ± 5 %

Ambient temperature:

-20/+50 °C

Humidity

15/95 % rH

Atmospheric pressure

900/1100 hPa

Housing

W x H x D: 90 x 85 x 65 mm
Weight: Approx. 0.5 kg
Degree of protection: IP 54 (EN 60529)

Output: 4–20 mA

Option: RS 232 interface

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DG: H, PG: 4			Part no.	Price €
Gas sensor GS 400 ST (HL) methane	1	1	69145	
Gas sensor GS 400 ST (HL) propane	1	1	69143	
Gas sensor GS 400 ST (HL) butane	1	1	69144	
Gas sensor GS 400 ST (HL) LPG	1	1	69147	
Gas sensor GS 400 ST (HL) R134	1	1	69148	
Gas sensor GS 500 ST (WT) methane	1	1	69109	
Gas sensor GS 500 ST (WT) propane	1	1	69120	
Gas sensor GS 500 ST (WT) butane	1	1	69124	
Gas sensor GS 500 ST (WT) LPG	1	1	69130	
Gas sensor GS 500 ST (WT) H ₂	1	1	69137	
Gas sensor GS 500 ST (WT) ethanol	1	1	69138	
Gas sensor GS 500 ST (WT) n-heptane	1	1	69139	

Blue part no. = in-stock items