

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



**Description** For monitoring the oxygen concentration and toxic gases. Can also be used in dusty and dirty environments. For connection to the gas alarm units GW-S 2.1/GW-S 4.1/GW-SK 6.1. Aluminium version for wall mounting housing. Connection cable (shielded) 3 x 1.5 mm<sup>2</sup> Cu+ protective conductor, signal and return conductor (max. 100 Ohm line resistance).

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## Technical specifications

### GS 600 ST

#### Measuring ranges

0/25 % O<sub>2</sub> by volume

#### Measuring principle

Electro-chemical (EC), service life 1–2 years

#### Supply voltage

24 V DC, ± 5 %

#### Ambient temperature

-20/50 °C

#### Humidity

15/50% 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

**Options** RS 232 interface

### GS 700 ST

#### Measuring ranges

GS 700 ST-CO<sub>2</sub>: 0/5 % by volume

#### Measuring principle

Infrared (IR)

#### Supply voltage

24 V DC, ± 5 %

#### Ambient temperature

-10/+40 °C

#### Humidity

Max. 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

RS 232 interface

### GS 800 ST

#### Measuring ranges

0.1/25 % O<sub>2</sub> by volume

#### Measuring principle

Zirconium dioxide (Zr)

#### Supply voltage

24 V DC, ± 5 %

#### Ambient temperature

-20/+60 °C

#### Humidity

Max. 95 % rH

#### Atmospheric pressure

800/1100 hPa

#### Housing

W x H x D: 90 x 85 x 65 mm

Weight: Approx. 0.6 kg

Degree of protection:

IP 54 (EN 60529)

#### Output

4–20 mA

RS 232 interface

PG: 4	DG			Part no.	Price €
Gas sensor GS 600 ST (EC) CO (0–300 ppm)	H	1	-	61180	
Gas sensor GS 600 ST (EC) O <sub>2</sub> (0.1–25 % by volume)	H	1	-	61179	
Gas sensor GS 600 ST (EC) H <sub>2</sub> S (0–50/100 ppm)	H	1	-	61121	
Gas sensor GS 600 ST (EC) NH <sub>3</sub> (0–100 ppm)	H	1	-	61122	
Gas sensor GS 600 ST (EC) NO <sub>2</sub> (0–50 ppm)	H	1	-	61123	
Gas sensor GS 600 ST (EC) Cl <sub>2</sub> (0–10 ppm)	H	1	-	61124	
Gas sensor GS 600 ST (EC) SO <sub>2</sub> (0–100 ppm)	H	1	-	61126	
Gas sensor GS 700 ST (IR) CO <sub>2</sub> (0–5% % by volume)	H	1	-	69112	
Gas sensor GS 700 ST (IR) CO <sub>2</sub> -LG (3000 ppm)	H	1	-	69104	
Gas sensor GS 800 ST (Zr) O <sub>2</sub>	H	1	-	69113	
Adjustment adjustment/programming costs for the alarm thresholds for standard gases (methane, propane/butane, O <sub>2</sub> , CO, CO <sub>2</sub> , hydrogen) per sensor	-	1	-	61177	
Adjustment adjustment/programming costs for the alarm thresholds for special gases per sensor	-	1	-	61183	

Blue part no. = in-stock items