

Gas sensor



Application

For the detection of flammable, explosive gases. Can also be used in dusty and dirty environments.

Description

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, supply and return conductor (max. 100 Ohm line resistance).

Technical Specifications

Measuring range

0/100 % UEG

Measuring principle

heat tone (HT)

Service life: ca. 3 Jahre

Supply voltage

DC 24 V ± 5 %

Operating temperature range

Ambient: -20/+50 °C

Humidity/moisture

15/95 % rH

Atmospheric pressure

900/1100 hPa

Housing

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

Weight: ca. 0.5 kg

Degree of protection: IP 54 (EN 60529)

Output signal

4–20 mA

Options

- RS 232 interface

Versions

		Part no.
Gas sensor GS 500 ST (WT) methane	●	69109
Gas sensor GS 500 ST (WT) propane	●	69120
Gas sensor GS 500 ST (WT) butane	●	69124
Gas sensor GS 500 ST (WT) LPG	●	69130
Gas sensor GS 500 ST (WT) H ₂	●	69137
Gas sensor GS 500 ST (WT) ethanol	●	69138
Gas sensor GS 500 ST (WT) n heptane	●	69139

- in-stock items
- Non-stock items