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ESI - GS4000 - INDUSTRIAL PRESSURE SENSOR

GS4000B0250AB
2mV/V, 0..250 bar, G1/4, M12



- Suitable for the majority of industrial applications
- Reliable pressure measurement
- Long service life
- All stainless steel construction

PRODUCT DESCRIPTION

The ESI Technology GS4000 is a standard industrial pressure sensor designed to deal with the majority of general industrial applications.

The GS4000 offers a robust yet compact sensor that still offers good performance and is very reliable. The GS4000 starts from -1 - 0 bar up to 0 to 700 bar with a total of eight standard pressure ranges, four options of outputs including 4-20mA and 0-10V and also four different electrical connections including a DIN connector and M12.

Application examples

- Aerospace
- Power packs
- Mobile hydraulics

TECHNICAL DATA

Ambient temperature	-20..85°C
Approvals	CE, IEC
Electrical connection	M12
EMC	EN61000-6-4, EN61000-6-2
Linearity	≤±0.4% BSFL
Material of wetted parts	Stainless steel 17-4, Stainless steel 303
Media temperature	-20..85°C
Output	2mV/V
Overpressure protection	500 bar
Pressure range max	250 bar
Pressure range min	0 bar
Pressure reference	Gauge
Process connection	G1/4
Sensor technology	Cereamic thick film or Bonded foil strain gauge

Storage temperature	5..40°C
Supply voltage	10 V DC (5-15 V)

