



# ESI - GS4000 - INDUSTRIAL PRESSURE SENSOR

GS4112B0.05AB  
0-10Vdc (3 wire), 0..0,5 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

## Specifications

Ambient temperature	-20..85°C
Approvals	CE, IEC
Electrical connection	M12
EMC	EN61000-6-4, EN61000-6-2
Linearity	≤±0.4% BSFL
Materials Wetted Parts	Aluminium oxide, Stainless steel 303, NBR
Media temperature	-20..85°C
Output	0-10Vdc
Overpressure protection	0.8 bar
Pressure Range Max	0.5

Pressure Range Min	0
Pressure reference	Gauge or Absolute
Process connection	G1/4
Sensor technology	Ceramic thick film or Bonded foil strain gauge
Storage temperature	5..40°C
Supply voltage	13-30 V DC

