



## ESI - GS4000 - INDUSTRIAL PRESSURE SENSOR

GS4003-0250AB  
4-20mA, 0..250 bar, G1/4, DIN

- 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

<b>Ambient temperature</b>	-20..85°C
<b>Approvals</b>	CE, IEC
<b>Electrical connection</b>	DIN A 43650
<b>EMC</b>	EN61000-6-4, EN61000-6-2
<b>Linearity</b>	≤±0.4% BSFL
<b>Material of wetted parts</b>	Stainless steel 17-4, Stainless steel 303
<b>Media temperature</b>	-20..85°C
<b>Output</b>	4-20 mA
<b>Overpressure protection</b>	500 bar
<b>Pressure range max</b>	250 bar

Pressure range min	0 bar
Pressure reference	Gauge
Process connection	G1/4
Sensor technology	Ceramic thick film or Bonded foil strain gauge
Storage temperature	5..40°C
Supply voltage	13-36 V DC

