



## ESI - GS4000 - INDUSTRIAL PRESSURE SENSOR

GS4000-0025AB  
2mV/V, 0..25 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

### Specifications

<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>Materials Wetted Parts</b>	Stainless steel 17-4, Stainless steel 303
<b>Media temperature</b>	-20..85°C
<b>Output</b>	2mV/V
<b>Overpressure protection</b>	50 bar
<b>Pressure Range Max</b>	25

<b>Pressure Range Min</b>	0
<b>Pressure reference</b>	Gauge or Absolute
<b>Process connection</b>	G1/4
<b>Sensor technology</b>	Ceramic thick film or Bonded foil strain gauge
<b>Storage temperature</b>	5..40°C
<b>Supply voltage</b>	10 V DC (5-15 V)

