



## ESI - GS4000 - INDUSTRIAL PRESSURE SENSOR

GS4100-V001AB  
2mV/V, -1..0 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

Ambient temperature	-20..85°C
Approvals	CE, IEC
Electrical connection	DIN A 43650
EMC	EN61000-6-4, EN61000-6-2
Linearity	≤±0.4% BSFL
Material of wetted parts	Aluminium oxide, Stainless steel 303, NBR
Media temperature	-20..85°C
Output	2mV/V
Overpressure protection	1.6 bar
Pressure range max	0 bar

<b>Pressure range min</b>	-1 bar
<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)

