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# ESI - GS4000 - INDUSTRIAL PRESSURE SENSOR

GS4111AV001AB
0-5Vdc (3 wire), -1..0 bar, G1/4, 1M cable



- 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

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|---|---|
| **Ambient temperature** | -20..85°C |
| **Approvals** | CE, IEC |
| **Electrical connection** | 1M Cable outlet screened |
| **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** | 0-5Vdc |
| **Overpressure protection** | 1.6 bar |
| **Pressure range max** | 0 bar |
| **Pressure range min** | -1 bar |
| **Pressure reference** | Gauge or Absolute |
| **Process connection** | G1/4 |

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|---|---|
| **Sensor technology** | Cereamic thick film or Bonded foil strain gauge |
| **Storage temperature** | 5..40°C |
| **Supply voltage** | 13-30 V DC |

