



ESI - GS4000 - INDUSTRIAL PRESSURE SENSOR

GS4001B0100AB
0-5Vdc (4 wire), 0..100 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

TECHNICAL DATA

| | |
|--------------------------|---|
| Ambient temperature | -20..85°C |
| Approvals | CE, IEC |
| Electrical connection | M12 |
| EMC | EN61000-6-4, EN61000-6-2 |
| Linearity | ≤±0.4% BSFL |
| Material of wetted parts | Stainless steel 17-4, Stainless steel 303 |
| Media temperature | -20..85°C |
| Output | 0-5Vdc |
| Overpressure protection | 200 bar |
| Pressure range max | 100 bar |

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|---------------------|--|
| 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 | 13-30 V DC |

