



## ESI - GS4000 - INDUSTRIAL PRESSURE SENSOR

GS4011-0100AB  
0-5Vdc (3 wire), 0..100 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 | Stainless steel 17-4, Stainless steel 303 |
| Media temperature        | -20..85°C                                 |
| Output                   | 0-5Vdc                                    |
| Overpressure protection  | 200 bar                                   |
| Pressure range max       | 100 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      | 13-30 V DC                                     |

