



# ESI - GS4000 - INDUSTRIAL PRESSURE SENSOR

GS4001A0700AB  
0-5Vdc (4 wire), 0..700 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

## Specifications

|                         |                                           |
|-------------------------|-------------------------------------------|
| 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                               |
| Materials Wetted Parts  | Stainless steel 17-4, Stainless steel 303 |
| Media temperature       | -20..85°C                                 |
| Output                  | 0-5Vdc                                    |
| Overpressure protection | 1400 bar                                  |
| Pressure Range Max      | 700                                       |

|                     |                                                |
|---------------------|------------------------------------------------|
| Pressure Range Min  | 0                                              |
| 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                                     |

