ESI - PR3850 - FLUSH DIAPHRAGM PRESSURE SENSOR

PR3850-0004BA
4-20mA, 0..4 bar, G1/2 flush, DIN



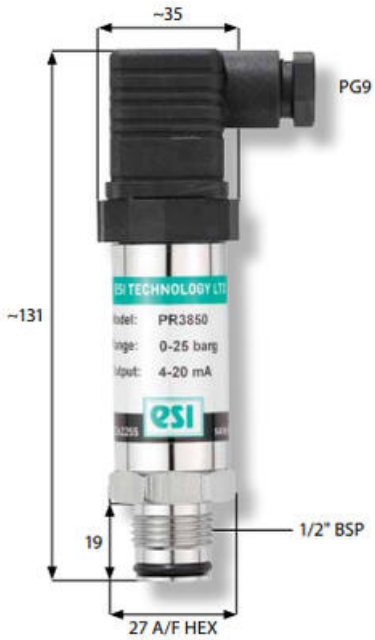
- Thick film sensor technology for long service life
- Pressure ranges up to 400 bar
- Up to 85°C media temperature
- Easy clean flush membrane to prevent clogging

PRODUCT DESCRIPTION

The PR3850 pressure transmitter has been designed to meet the requirements of the majority of industrial pressure measurement applications where a hygienic flush diaphragm connection is required. Robustly constructed from stainless steel this range of pressure transmitters incorporates the latest strain gauge technology together with a custom IC amplifier offering excellent stability and accuracy over a long service life. Output options include 0-5Vdc, 0-10Vdc and 0-20mA. This transmitter is particularly suitable for use with high viscosity materials. Typical applications include food processing, pharmaceutical, petrochemical, waste water and slurry handling. The flush membrane can be easily cleaned for long term reliability and outstanding performance.

SPECIFICATIONS

Ambient temperature	-20..85°C
EMC	EN61000-6-2, EN61000-6-4
Linearity	≤±0.3% BSFL
Media temperature	-20..85°C
Overpressure protection	6 bar
Pressure Range Max	4
Pressure Range Min	0
Pressure reference	Gauge
Sensor technology	Ceramic thick film
Storage temperature	5..40°C
Supply voltage	13-36 V DC


~35
PG9
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TECHNOLOGY LTD
PR3850
0-25 barg
4-20 mA
esi
19
1/2" BSP
27 A/F HEX