Features

- Pressure type: absolute
- Piezoresistive sensor, silicon oil
- Electrical connection EN175301-803 A
- IP65
- Accuracy +/- 0,35%
- AISI 316L process connection
- ½" BSP-Male
- Range 0/10 bar abs

RS PRO Pressure Transmitter

RS Stock No.: 0722806



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

This model is a compact electronic transmitter provided with piezoresistive sensor with excellent linearity output signal, suitable for air, industrial and technical gases, water, oil and process media compatible with AISI 316 wetted parts.

Electrical Specifications

Power supply	8...30 Vdc
Output signal	4...20 mA
Load resistor (Ohm)	RL ⩽ (Ub-8)/0,02
Total current consumption	< 25 mA
Electrical connection	EN175301-803 A
Sensor	Piezoresistive, silicon oil

Mechanical Specifications

Housing Material	Stainless Steel 316L
Process connection	AISI 316L, ½" BSP-Male
Gasket Material	FPM
Protection Degree	IP65
Accuracy	+/- 0,35% FS
Thermal drift	between 0 and 80°C, 1% of span; 2,5% of span max
Weight	0,14 kg

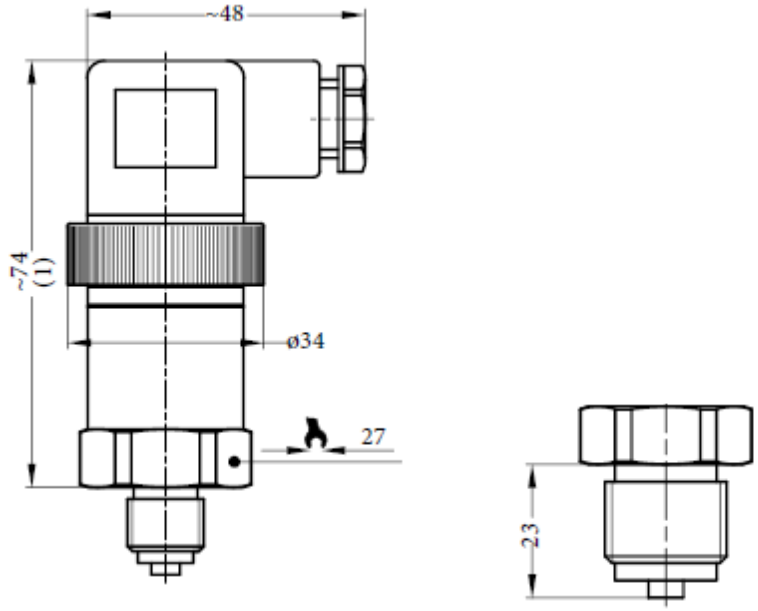
Environmental/Operations Conditions

Medium temperature	-25...+100°C
Ambient temperature	-25...+85°C
Storage temperature	-30...+85°C
Vibration resistance	20g (10...2000 Hz)
Shock resistance	40g/6ms

Approvals

Compliance to Directives	CE, EMC – PED - RoHS

Dimensions and Drawings



N. of wires	2
Supply connection: Ub	1
Negative connection: 0V	2
Signal: S +	-
Ground	GND