

## Features

- Pressure type: relative
- Ceramic sensor
- Electrical connection  
EN175301-803 A
- IP65
- Accuracy +/- 0,5%
- AISI 316L process  
connection
- 1/2" BSP-Male
- Range 0/250 bar

## RS PRO Pressure Transmitter

RS Stock No.: 0722813



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 ceramic sensor for air, industrial and technical gases, water and oil.

## Electrical Specifications

|                                  |                           |
|----------------------------------|---------------------------|
| <b>Power supply</b>              | 8...30 Vdc                |
| <b>Output signal</b>             | 4...20 mA                 |
| <b>Load resistor (Ohm)</b>       | $R_L \leq (U_b - 8)/0,02$ |
| <b>Total current consumption</b> | < 25 mA                   |
| <b>Electrical connection</b>     | EN175301-803 A            |
| <b>Sensor</b>                    | Ceramic                   |

## Mechanical Specifications

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| <b>Housing Material</b>   | Stainless Steel 316L                             |
| <b>Process connection</b> | AISI 316L, 1/2" BSP-Male                         |
| <b>Gasket Material</b>    | FPM                                              |
| <b>Protection Degree</b>  | IP65                                             |
| <b>Accuracy</b>           | +/- 0,5% FS                                      |
| <b>Thermal drift</b>      | between 0 and 80°C, 1% of span; 2,5% of span max |
| <b>Weight</b>             | 0,12 kg                                          |

## Environmental/Operations Conditions

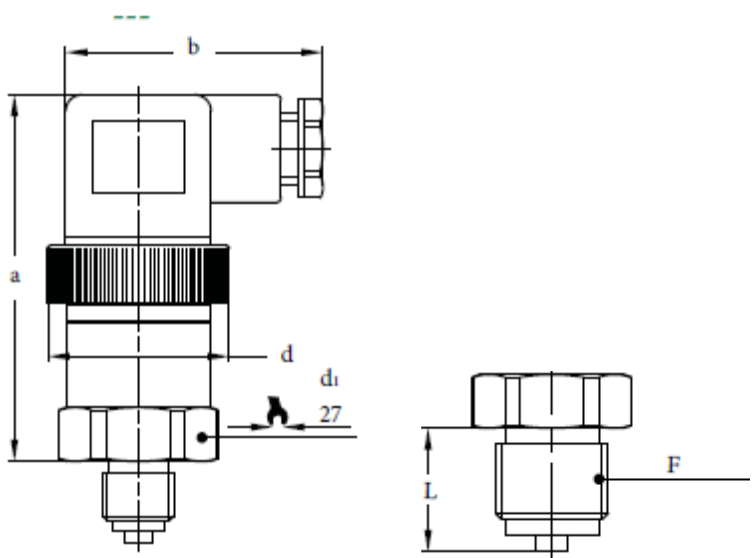
|                             |                    |
|-----------------------------|--------------------|
| <b>Medium temperature</b>   | -25...+100°C       |
| <b>Ambient temperature</b>  | -25...+85°C        |
| <b>Storage temperature</b>  | -30...+85°C        |
| <b>Vibration resistance</b> | 20g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

## Approvals

### Compliance to Directives

CE, EMC – PED - RoHS

## Dimensions and Drawings



| a          | b          | d          | d <sub>1</sub> | Weight           |
|------------|------------|------------|----------------|------------------|
| (2.67") 68 | (1.88") 48 | (1.33") 34 | (1.06") 27     | (0.25 lbs) 115 g |

| F | L |
|---|---|
|---|---|

| G 1/2 A | (0.90") 23 |
|---------|------------|
|---------|------------|

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