

## level transmitter



**CE** Compliance to requirements of directives:  
EMC 2014/30/EU - PED 2014/68/EU

### 8.SLV

**Measuring ranges:** 0...0,1/0...25 bar, relative.

**Output signals:** 4...20 mA.

**Non-linearity (BFSL):**  $\leq \pm 0,175$  % of the range, according to IEC 61298-2.

**Non-repeatability:**  $\leq 0,1$  % of the range, according to IEC 61298-2.

**Accuracy:**  $\leq \pm 0,35$ % of the range <sup>(1)</sup>.

**Thermal drift:** between 0 and 60°C, 1% of span; 2,5% of span, max <sup>(2)</sup>.

**Long term drift:**  $\leq 0,2$  % of span.

**Process fluid temperature:** -10...+60 °C.

**Stocking temperature:** -10...+60 °C.

**Response time:** <4 ms (measuring); <150 ms (switching on).

**Emission and immunity:** according to EN 61326,  
(group 1 - class B; industrial applications).

**Sensor:** piezoresistive, silicon oil.

**Case:** in AISI 316L.

**Gasket:** VITON (cod. **FPM**).

**Electric connection:** poliurethane cable, compensated (cod. **I**).

**Protection degree:** submersible.

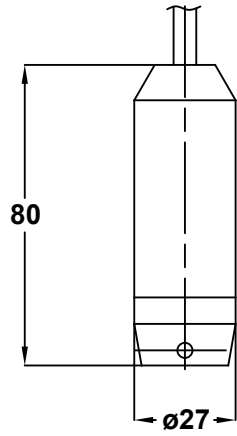
**Weight:** 0,30 kg

(1) max measuring error according to IEC 61298-2, including non-linearity and hysteresis (limit-point calibration and reference conditions according to IEC 61298-1).

(2) + 0,5% of span for measuring range  $\leq 0,6$  bar

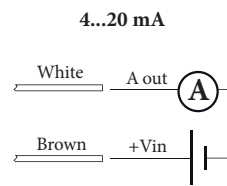
Ranges bar, relative	Overpressure bar, relative
0...0,1	0,3
0...0,16	0,5
0...0,25	0,8
0...0,4	1,2
0...0,6	1,8
0...1	2
0...1,6	3,2
0...2,5	5
0...4	8
0...6	12
0...10	20
0...16	25
0...25	25

Other ranges available on demand. Units of measurement available in psi, MPa, kPa too.



dimensions : inches (mm)

<b>Output signal</b>	<b>4...20 mA</b>
N. wires	2
Load (Ohm)	$R_L \leq (V_{in}-8)/0,02$
Supply: +Vin	10...30
Massa	(pls. refer to Installation Manual)



“HOW TO ORDER” SEQUENCE

Section / Model / Range / Output signal / Cable type / Cable length / Gasket  
**8 SLV 1 I FPM**

