

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 ⁽¹⁾.

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

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.

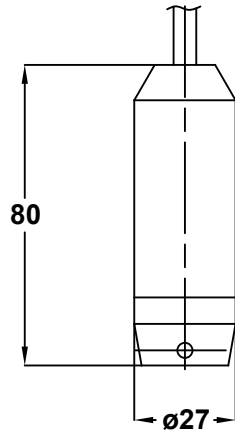
Weight: 0,30 kg

(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

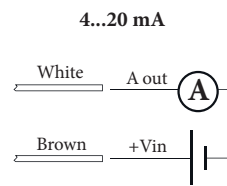
Ranges bar, relative	Overpressure bar, relative
0...0,1	0,3
0...0,16	0,5
0...0,25	0,8
0...0,4	1,2
0...0,6	1,8
0...1	2
0...1,6	3,2
0...2,5	5
0...4	8
0...6	12
0...10	20
0...16	25
0...25	25

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



dimensions : inches (mm)

Output signal	4...20 mA
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**

