

PRESSURE TRANSMITTER "Tank Pressure and Level Probe"

**Pressure range: from 1 m WC (water column);
0..50 mbar, max. 0..25 bar**

Ambient temperature: +5 °C ..+70 °C

**Output: 4...20 mA 2 wire,
0...10 V 3 wire,
0...5 V 3 wire**

- Protection class: DIN EN 60 529- IP 68 down to 250 m navigable depth
- Media-contacting parts and case made of CrNi steel and plastics made of NBR O-ring
- Cable ventilated with pressure compensation pipe

CONSTRUCTION

- Piezo-resistive, vacuum-proof, stainless steel diaphragm with pressure range resistor (Poly-Si on SiO₂) or optional Silicone < 1 bar
- Accuracy: class 0,5 % F.S.
- Electrical connection: cable ventilated
- ASIC Mixed signal
- Length: ca. 140 mm Diameter: 22 mm
- Cable-S - Santopren TPE-V or PUR optional grey
- Weight ca. 250 g

APPLICATIONS

- Liquid-level and standard level measuring in tank-storage, reservoirs, environmental technology
- Hydro-engineering plants

DESCRIPTION

The most reasonable ADZ Floater Probe SML-PS1 has been developed for standard level and filling level indication in hydro-plants, oil or other non-aggressive media down to 250 m in depth. For more aggressive media, there is an optional variant designed with a platinum diaphragm or special coating.

It is easy to handle, very robust and supplied in a housing of stainless steel with an attached cable (pressure compensation integrated).

There are two variants regarding cap configuration (as a weight of steel or as a plastic cap). The transmitters are long-term stable and may be supplied in variants with 0.25 % F.S. respectively.



- Subject to change -

