

PRESSURE TRANSMITTER

DPT-S SERIES

Pressure Measurement
& Monitoring



DESCRIPTION

The digital pressure transmitter DPT-S pressure chamber adopts 304 stainless steel processing technology, and the whole adopts laser welding technology, which is safe and leak-free. The transmitter/sensor has a built-in digital circuit with strong resistance to radio frequency and electromagnetic interference and automatic temperature compensation. It has strong anti-interference ability, wide working range and longterm operation.

FEATURES

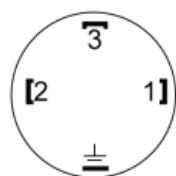
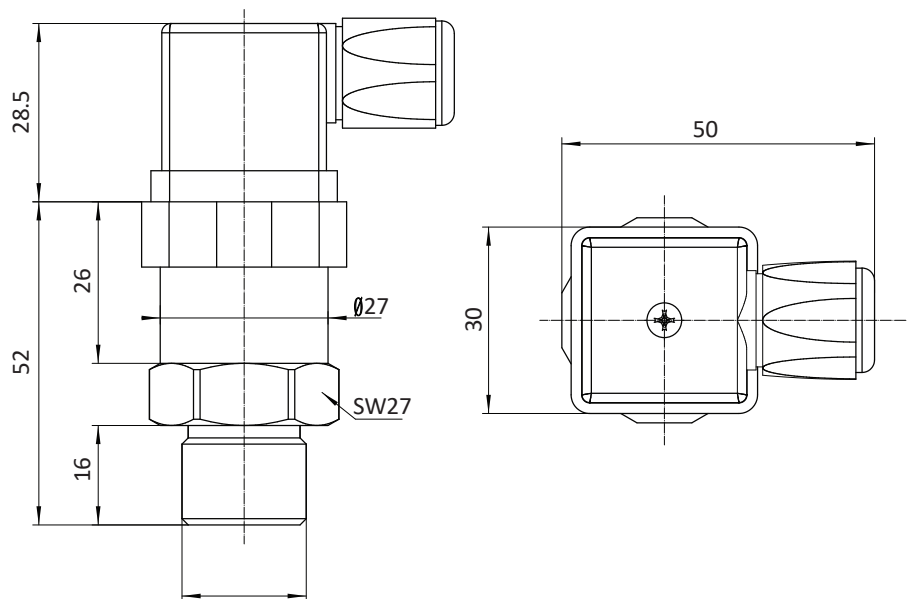
- ✓ Easy installation and strong versatility
- ✓ Efficient lightning protection, strong anti-radio frequency and electromagnetic interference protection
- ✓ Anti-surge and reverse polarity protection
- ✓ High elasticity, wear resistance, impact resistance, vibration resistance and corrosion resistance
- ✓ Advanced temperature digital compensation function

TECHNICAL FEATURES

Range	10 bar
Pressure type	Gauge pressure
Output signal	4 to 20mA
Accuracy	±1%FS
Supply voltage	9 to 30V DC
Measuring medium	Water, gas, oil
Medium temperature	-40 to 85 °C
Storage temperature	-40 to 125 °C
Temperature compensation	-10 to 70 °C
Long-term stability	≤±0.2% FS/year
Allow overload	200%FS
Breaking pressure	300%FS (≤250bar)
Shock (11mS)	100g
Zero temperature drift	±0.02%FS / °C
Full scale temperature drift	±0.02%FS / °C
Pressure port	M20*1.5, G1/4; optional NPT1/4, G1/2



DIMENSION/DRAWING



4-20mA	1	+Vcc	Red
	2	+Iout	Black

Hirschmann dimension diagram (pressure port M20 x 1.5 as an example)

