

ISO 9001
REGISTERED

1.0 DESCRIPTION

Hysteresis Repeatability: $\pm 0.05\%$ of full scale

Range: refer to the Measure Range Table

Power Supply: 10.5 to 36 volts DC

Output Signal: 4-20 mA, 2 wires

Thermal Compensation Range: $-10 \sim +80^\circ\text{C}$

Ambient Temperature: -40°C to $+80^\circ\text{C}$;

Medium Limited Temperature: $-40^\circ\text{C} \sim +120^\circ\text{C}$

Conduit Connection: DIN43650, PG11 packing gland

Wetted Parts Material: SS316L

Housing Material: SS304

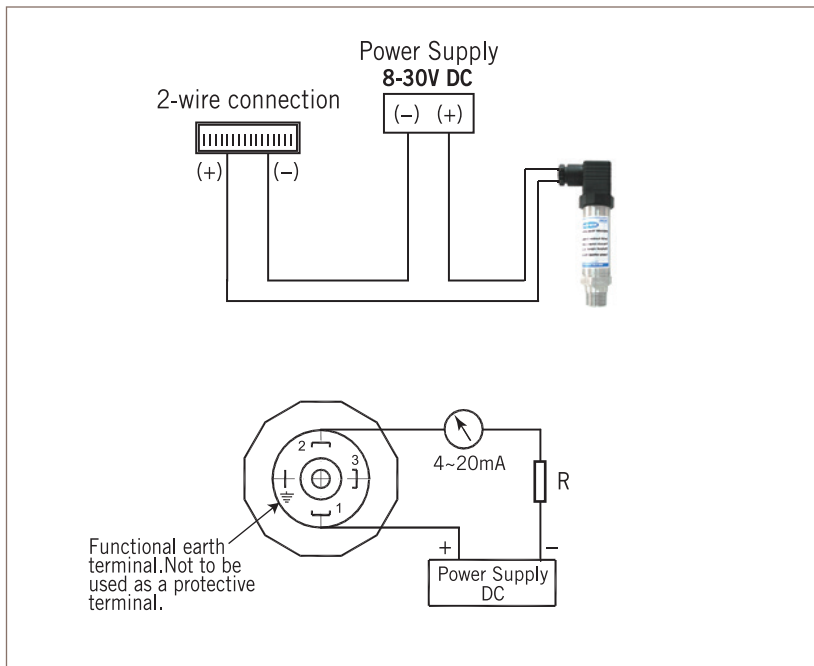
Process Connection: Male of $\frac{1}{2}$ " NPT (standard), PF ; or G1", M30 x 2, G $\frac{1}{2}$ " with flush diaphragm available

Approvals:



Measuring Range	25 mbar	100 mbar	400 mbar	0/1 ~ 0/1000 bar
Overpressure Limit (repeated, without hysteresis)	1 bar	1 bar	2.5 bar	4 x range; max. 1200 bar
Damaging Overpressure	2 bar	2 bar	2.5 bar	8 x range; max. 2000 bar
Accuracy	0.6%	0.3%	0.2% (0.16% - special version)	
Long Term Stability	0.6% / year	0.2% / year	0.1% / year	
Thermal Error	Typically 0.5% / 10°C Max. 0.6% / 10°C	Typically 0.3% / 10°C Max. 0.4% / 10°C		Typically 0.2% / 10°C Max. 0.3% / 10°C

2.0 WIRING DRAWING



PT5000_1