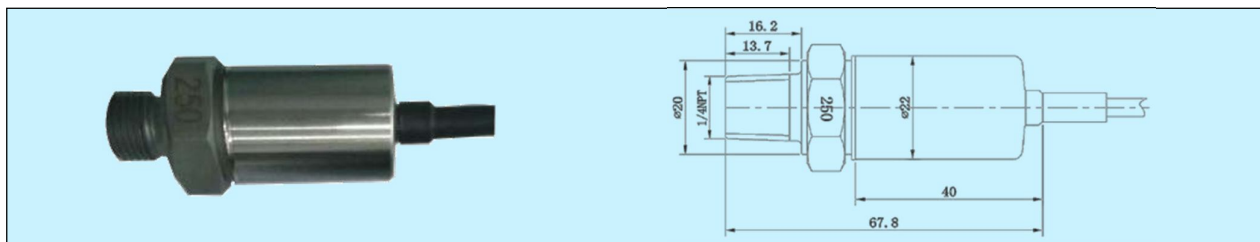


RSA-TPW Pressure Transmitter



Applications & Features

For pressure measurement of compatible fluid and gas

Specifications

Sensor: glass micro fused silicon strain sensor

Power: 10~30VDC

Output: 4~20mA (2 wires), load 0~500Ω@10~30VDC

Range: see models

Temp. limit: Work -20~85°C; Medium -40~125°C; Compensation 0~55°C

Accuracy: $\pm 0.5\%$ FS (BFSL)

Stability: $\leq 0.5\%FS/Year$

Pressure limits: overload 200%FS, burst 500%FS

Response time: $\leq 50\text{ms}$

Medium compatibility: 17-4PH stainless steel

Housing: 304 SS: Protection: IP65

Approval: CE

Models

Models	PT				Pressure Transmitter
Output		2			4~20mA
Range			2		0~6 bar
			3		0~10 bar
			4		0~16 bar
			5		0~25 bar
			6		0~40 bar
Process Connection				2	1/4 NPT
				4	G1/4
				7	Others
Electrical Connection				1	Cable (1m)

PDT Differential Pressure Transmitter



Applications & Features

For diff. pressure measurement of compatible fluid and gas

Specifications

Sensor: glass micro fused silicon strain sensor

Power: Current: 18.5~35VDC ($R_L=500\Omega$), 8.5~35VDC ($R_L=0\Omega$),

Voltage output: 16~35VDC, 16~28VAC **Output:**

4~20mA (2 wires), 0~10VDC(3 wires) or RS485 **Output**

Load: $\leq 500\Omega$ (current), $\geq 2k\Omega$ (0-10VDC)

Accuracy: typical $\pm 0.5\%$ FS (BFSL), see range specifications

Range: see range specifications

Display: LCD, with unit indication(kPa/mbar/in WC/bar/MPa)*

Temp. limit: work -20~70°C: medium -20~85°C: compensation 0~55°C

Pressure Limit: see range specifications

Response time: $\leq 500\text{ms}$

Medium compatibility: 17-4PH stainless steel

Housing: sensor 17-4PH stainless steel; sensor casing 304 stainless steel; enclosure ABS+PC(flame retardant)

Protection: IP65

Weight: 0.6kg (without mounting bracket)

Approval: CE

Mount Bracket: PDT-A, for surface mount, should be ordered separately



PDT-A

Models

Models	PDT				Diff. Pressure Transmitter
Output		1 2 8			0~10V 4~20mA RS485/Modbus RTU
Range			X		see Range Specifications
Process Connection				2 4 7	1/4 NPT G1/4 Others
Display				0 1	N/A LCD

Range Specifications

Range		Pressure limits in both side ports			Accuracy	Temperature
		Rated	Overload	Burst	(BFSL)	Coefficient
Code	bar	bar	bar	bar	%FS	%FS/°C
0	0-0.5	3.5	7	17.5	1.0	0.15
1	0-1	3.5	7	17.5	0.5	0.1
2	0-2	3.5	7	17.5	0.5	0.05
3	0-4	7	14	35	0.5	0.05
4	0-6	10	20	50	0.5	0.05
5	0-10	10	20	50	0.5	0.05
6	0-10	16	32	80	0.5	0.05
7	0-16	16	32	80	0.5	0.05