



Water Pressure Sensor PS-1500



Product Features:

- Advanced ceramic core
- High reliability and high stability
- Good medium compatibility
- Highly corrosion resistant SS housing

Applications:

- Industrial process and control
- Air compressor, refrigeration
- Pumping stations
- Water treatment system

Product Description

The **water pressure sensor** PS-1500 is refined by a special process. PS-1500 **water pressure sensor** sensitive detection material has the advantages of high elasticity, corrosion resistance, abrasion resistance, strong shock and vibration resistance, and good thermal stability. Water pumps, urban intelligent pipe networks, air compressors, refrigeration, water treatment industries, industrial process detection and control.

Technical Parameters

Measuring medium	Water
Pressure range (bar)	10, 16, 25
Signal output	0.5~4.5VDC, 4~20mA
Signal line specifications	3 Wire, 2 Wire
Supply voltage	5VDC 9~30VDC
Precision	±1%FS
Total error band	±3%FS
Operating temperature	-40~+135℃
Storage temperature	-40~+150℃

Overload pressure	200%FS
Breaking pressure	300%FS
Vibration	11g(50~2000Hz)
Supply current	10mA (maximum)
Output response	3mS
Service life	5 million full-scale cycles
Short circuit protection	Have
Pressure port	G1/4,NPT1/4,M20x1.5,M12x1.5,NPT1/8
Electrical connections	Packard connector
Load Resistance	10K Ω (typical)
Protection level	IP65
Overvoltage protection	16VDC (5V power supply)
Material	304 stainless steel
Reverse voltage	-14VDC (5V power supply)

Drawing:

