

Pressure Sensor

Product model: FST800-1000

The 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 long-term operation. Good stability and other characteristics.

◆ 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 parameter

Range	5, 7, 10, 15, 20, 25, 32, 50Bar (gauge pressure)
Output signal	4~20mA
Precision	±1%FS
Supply voltage	9~30V DC
Measuring medium	water, gas, oil
Medium temperature	-40°C~+85°C
Storage temperature	-40°C~+125°C
Temperature compensation	-10°C~+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
Electrical connections	Large Hessmann connector, others can be customized

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◆ Electrical interface and connection method

