

## (RS485) Low Power Pressure Sensor PS-1002



### Product Features:

Low voltage, low power consumption, easy to install and use; advanced digital temperature compensation function, wide operating temperature range; high precision, high frequency response, good long-term stability; impact resistance, fatigue resistance, and high reliability.

**Applications:** Industrial process detection and control; pumping stations and water treatment systems; automated detection systems; industrial machinery manufacturing; hydraulic and pneumatic control systems.

### Features

With low voltage, low power consumption, easy installation and use

Excellent resistance to corrosion, wear and vibration

Wide temperature operating range, compact size

High product precision and good long-term stability

### Technical Parameters

Pressure type	Gauge pressure, absolute pressure
Pressure range (bar)	-1~0~0.2...600
Signal output	RS485
Supply voltage	3~4.2V DC, suitable for battery power supply
Current consumption	≤2.5mA
Stand-by current	≤0.2mA
Accuracy	±0.3 %FS ±0.5 %FS
Temperature compensation	-20~+85℃
Operating temperature	-40~+85℃
Long-term stability (1 year)	±0.2 %FS

Overload pressure	200%FS
Destruction pressure	300%FS
Protection class	IP65
Material	304 stainless steel
Electrical connections	Direct Lead, Hessman, Non-Threaded Explosion Proof Connector (IP67)
Pressure port	M20X1.5, G1/4, NPT1/4, (others can be customized on request)

**Drawing:**

