



Beijing stablesens

STB2300 OEM Pressure Transmitter

DESCRIPTION

The STB2300 series pressure transmitters are industrial-grade high-reliability products featuring standardized modular design. Engineered with high-precision pressure cores and advanced compensation technologies, these devices boast a fully stainless steel construction, standardized signal output with wide measurement ranges, exceptional accuracy, and optional field display capabilities. For precise liquid and gas pressure measurement and control across various industrial applications.

VALUE TO CUSTOMERS

- High cost performance, high precision
- Optional display
- Unparalleled Price and Performance
- Wide Operating Temperature

POTENTIAL APPLICATIONS

- Refrigeration
- Water Management
- Industrial OEM Equipment
- Pressure Instrumentation
- Gas Compression & Storage
- Automotive electronics



WARNING

PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.



RoHS

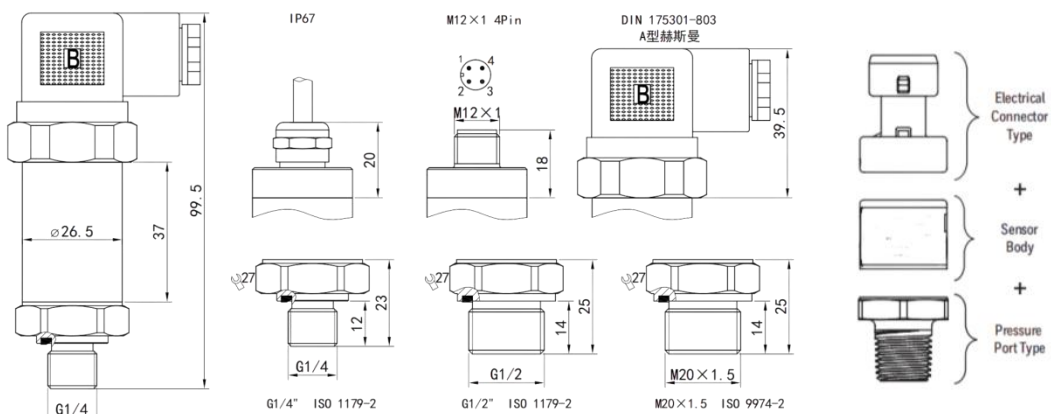


All potential use in aerospace, medical, transportation, agriculture, refrigeration, and industrial applications. To view the entire product portfolio, click our company's website.

PERFORMANCE SPECIFICATIONS

Pressure range	-0.1-0-60MPa (Customizable)
Pressure Accuracy	± 0.25%FS、± 0.5%FS、± 1.0%FS
Output	4-20mA、0/1-5/10V、0.5-4.5V、RS485
Excitation	5VDC、24VDC、9-36VDC
Load Resistance	Current type: $R = (\text{Supply Voltage} - 8V) / 0.02 \Omega$
Compensated Temp. Range	-10°C to 70°C (14°F to 158°F)
Operating Temp. Range	-20°C -100°C (-4.0000°F to 212°F)
Proof pressure	150%
Burst pressure	200%
Temperature drift	± 0.02%FS/°C
Long term stability	± 0.2%FS/year
Pressure port types	G1/4、1/4NPT、R1/4、G1/8、G1/2、M20*1.5 (Customizable)
Electrical connector types	Hirschmann、M12、Cable harness(1 m, 2 m, 3 m, or 5 m) (Customizable)
Housing	304 316L stainless steel

ELECTRICAL CONNECTOR TYPE DIMENSIONS



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