

STB2308 OEM Pressure Transmitter

DESCRIPTION

The STB2308 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 and exceptional accuracy, along with easy installation and compact lightweight design. Widely utilized in power and coal industries for boiler air supply and underground ventilation systems, they also find applications in automated monitoring of ultra-clean workshops and pressure process control.

VALUE TO CUSTOMERS

- wide operating temperature range
- measurement of differential pressure value for Microscopic gas

- High precision
- wide operating temperature range

POTENTIAL APPLICATIONS

- HVAC, cleanroom technology
- Engineering machinery
- Filter technology, flow detection
- Boiler air supply
- Underground ventilation
- Piezotube, orifice plate



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.

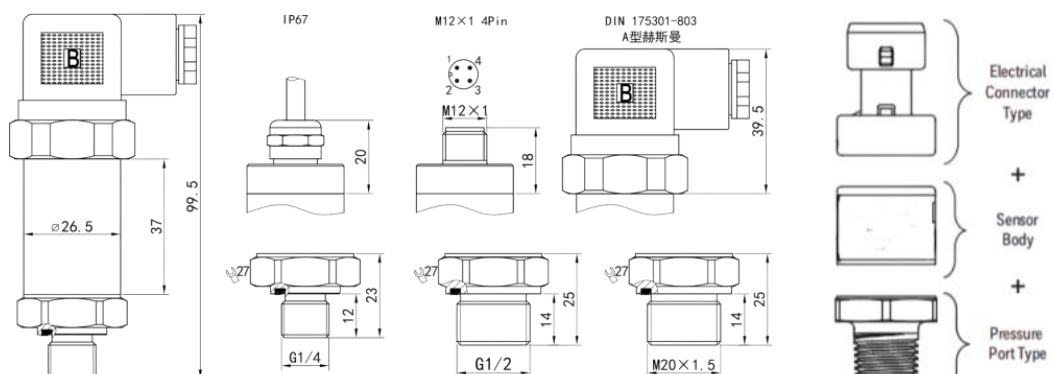
All potential use in

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

PERFORMANCE SPECIFICATIONS

Pressure range	0-100Pa-1KPa-200KPa (Customizable)
Pressure Accuracy	± 0.25%FS、 ± 0.5%FS、 ± 1.0%FS
Output	4-20mA、 0-5V、 1-5V、 0-10V
Excitation	24VDC、 9-36VDC
Load Resistance	Current type: $R=(\text{Supply Voltage}-8V)/0.02\Omega$
Compensated Temp. Range	-0°C to 70°C (32°F to 158°F)
Operating Temp. Range	-20°C -100°C (-4°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

ELECTRICAL CONNECTOR TYPE DIMENSIONS



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