



# STB2500 Medium-to-high temperature Pressure Transmitter

## DESCRIPTION

The STB2500 series *medium-to-high temperature* pressure transmitters feature a fully stainless steel construction and utilize imported high-temperature resistant pressure sensors as signal measurement components. The measured medium pressure is transferred to the sensors through the transmitter's heat dissipation structure. The sensor probes can operate stably at temperatures up to 350°C for extended periods. This product is widely applied in high-temperature environments for liquid and steam pressure measurement and control applications.

## VALUE TO CUSTOMERS

- High cost-performance
- Thermal insulation structure resistant to medium and high temperatures

- High precision
- wide operating temperature range
- Integrated Digital Display Head

## POTENTIAL APPLICATIONS

- thermoelectric generator
- Boiler Pressure Control
- Measurement and Control of Steam Pressure



RoHS

## 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.**

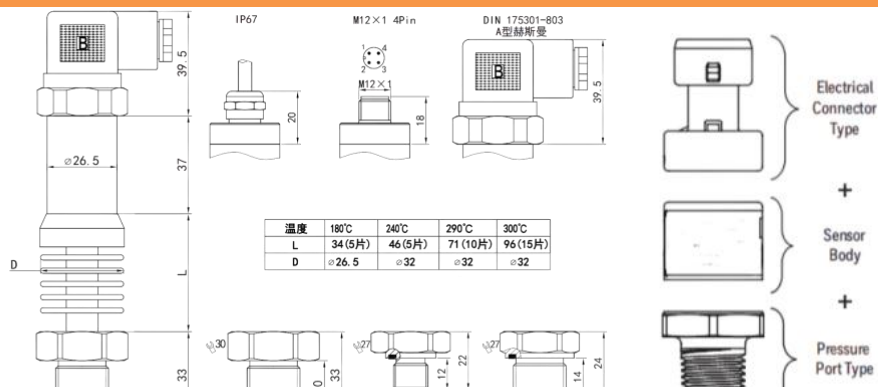
## All potential use in

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

## PERFORMANCE SPECIFICATIONS

Pressure range	0-70MPa ( Customizable )		
Pressure Accuracy	± 0.25%FS、 ± 0.5%FS		
Output	4-20mA、 0/1-5/10V、 0.5-4.5V		
Excitation	5VDC、 24VDC、 9-30VDC		
Load Resistance	Current type: $R=(\text{Supply Voltage}-8V)/0.02 \Omega$		
Medium temperature	-20-150°C 、 -20-350°C		
Compensated Temp. Range	0°C to 100°C ( 32°F to 212°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、 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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