STB8500 High-Temperature Explosion-Proof Pressure Transmitter

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DESCRIPTION

The STB8500 series medium-to-high-temperature explosion-proof pressure transmitters employ imported high-temperature resistant pressure sensors as their signal measurement components. The pressure of the measured medium is transmitted to the sensor via the transmitter's cooling structure. The sensor probe maintains stable long-term operation at temperatures up to 350°C and remains unaffected by ambient temperatures even in extreme high-or low-temperature environments. This product is widely used for liquid and steam pressure measurement and control in high-temperature applications.

VALUE TO CUSTOMERS

- The heat dissipation structure design can withstand medium to high temperatures.
- Impact-resistant and vibration-resistant
- Multiple pressure interface options with high cost-effectiveness
- Wide operating temperature range

POTENTIAL APPLICATIONS

- Hydraulic and Pneumatic Systems
- petrochemical engineering
- petrochemical industry
- Steam Pressure Measurement and Control
- Applications in Mechanical Engineering

CNAS

CERTIFIED ISO 9001:2016 COMPANY

CE RoHS PCEC

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

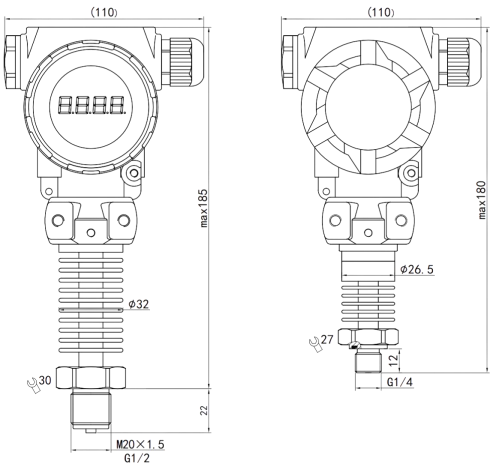
aerospace,medical,transportation,agriculture, refrigeration, and industrial applications. To view the entire product portfolio, click our company's website.

Website: www.stablesens.com

PERFORMANCE SPECIFICATIONS

Range	-0.1-0-60MPa（Customizable）		
Pressure Accuracy	±0.25%FS、±0.5%FS		
Output	4-20mA、RS485、HART		
Excitation	24VDC		
Load Resistance	Current type: R=(Supply Voltage-8V)/0.02Ω		
Compensated Temp. Range	0-85°C	Operating Temp. Range	-20-150℃、-20-350℃
Proof pressure	150%	Burst pressure	200%
Temperature drift	±0.02%FS/°C	Long term stability	±0.2%FS/年
Pressure port types	M20*1.5、G1/2、G1/4(Customizable)		
Electrical connector types	2088 junction box		
Housing	Stainless steel 304、316L		

ELECTRICAL CONNECTOR TYPE DIMENSIONS



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