



STB8340 Corrosion-Resistant Explosion-Proof Pressure Transmitter

DESCRIPTION

The STB8340 series explosion-proof and corrosion-resistant pressure transmitters employ high-performance ceramic piezoresistive elements and corrosion-resistant cores. Leveraging the temperature stability, high precision, and superior corrosion resistance of ceramics, along with materials such as highly corrosion-resistant polytetrafluoroethylene (PTFE) and corrosion-resistant alloys, these transmitters can measure various corrosive media and are suitable for precise measurement and control of corrosive fluid and gas pressures across diverse applications.

VALUE TO CUSTOMERS

- Multiple corrosion-resistant materials are available.
- Resistant to various corrosive media
- High reliability, easy installation
- High overall precision
- Good long-term stability

POTENTIAL APPLICATIONS

- Medical technology
- Environmental monitoring technology
- Petroleum and chemical industry
- Electroplating technology
- Pharmaceutical industry



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.

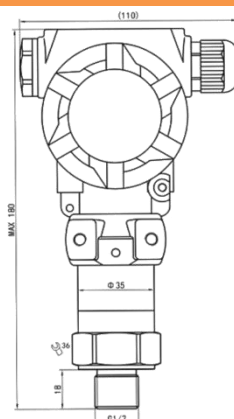
Website: www.stablesens.com

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PERFORMANCE SPECIFICATIONS

Pressure range	0-5MPa (Customizable)		
Pressure Accuracy	± 0.25%FS、 ± 0.5%FS		
Output	4-20mA、 RS485、 HART		
Excitation	24VDC		
Load Resistance	Current type: $R=(\text{Supply Voltage}-8V)/0.02 \Omega$		
Compensated Temp. Range	0-75°C		
Operating Temp. Range	-10-85°C		
Proof pressure	150%	Burst pressure	200%
Temperature drift	± 0.02%FS/°C	Long term stability	± 0.2%FS/year
Pressure port types	G1/2、 1/2NPT、 M20*1.5 (Customizable)		
Electrical connector types	2088 Junction Box		
Liquid-contact material	PP、 PVC、 PVDF、 PTFE、 316L (Customizable)		

ELECTRICAL CONNECTOR TYPE DIMENSIONS



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