

DESCRIPTION

The STB2100 series industrial pressure transmitters are high-reliability, durable products manufactured in bulk for OEM applications. Designed and manufactured with high-precision pressure cores and advanced compensation technology, these transmitters feature a wide measurement range, exceptional accuracy, and a compact design, making them ideal for precise measurement and control of liquid and gas pressures across various industries.

VALUE TO CUSTOMERS

- High-precision
- High cost-performance ratio
- Wide measurement range
- Compact design

POTENTIAL APPLICATIONS

- Environment engineering
- Hydraulic and Pneumatic Systems
- Food and pharmaceutical equipment
- Energy and Water Treatment Systems



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	-0.1-0-60MPa (Customizable)
Pressure Accuracy	± 0.25%FS、 ± 0.5%FS
Output	4-20mA、 0-5V、 1-5V、 0-10V、 0.5-4.5V
Excitation	5VDC、 24VDC、 9-36VDC
Load Resistance	Current type: $R = (\text{Supply Voltage} - 8V) / 0.02 \Omega$
Compensated Temp. Range	0-80°C
Operating Temp. Range	-40-100°C
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 (Customizable)
Electrical connector types	Hirschmann、 M12*1、 Waterproof Cable harness(1 m, 2 m, 3 m, or 5 m) (Customizable)
Housing	304/316 stainless steel, Ceramic

ELECTRICAL CONNECTOR TYPE DIMENSIONS

