



Beijing stablesens

STB2800 OEM Pressure Transmitter

DESCRIPTION

The STB2800 series pressure transmitters are high-reliability, durable products designed for mass production, low-cost OEM applications, and both civilian and industrial use. Featuring a diffused silicon pressure core and precision compensation technology, these transmitters offer wide measurement ranges, high accuracy, compact design, and on-site display capabilities. They are ideal for precise liquid and gas pressure measurement and control across various industries.

VALUE TO CUSTOMERS

- High precision
- Compact design
- Unparalleled Price and Performance
- Wide operating temperature range

POTENTIAL APPLICATIONS

- Food and pharmaceutical equipment
- Construction Machinery
- Fire building system
- Hydraulic and Pneumatic Control



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.

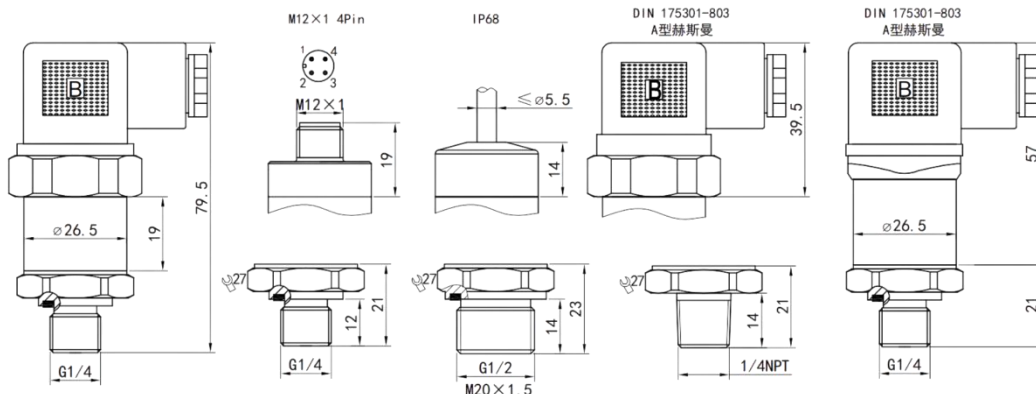
Failure to comply with these instructions could result in death or serious injury.

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 | 0–20–70MPa (Customizable) |
| Pressure Accuracy | ± 0.25%FS、 ± 0.5%FS、 ± 1.0%FS |
| Output | 4–20mA、 0/1–5/10V、 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°C to 70°C (32°F to 158°F) |
| Operating Temp. Range | -40°C –85°C (-40°F to 185°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 stainless steel |

ELECTRICAL CONNECTOR TYPE DIMENSIONS



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