

# STB2700 High-Temperature Sanitary Pressure Transmitter

## DESCRIPTION

The STB2700 series medium-to-high-temperature sanitary pressure transmitters are high-precision, highly stable pressure sensors designed with advanced compensation technology. Utilizing multiple innovative technologies, these devices feature a fully stainless steel construction, standardized signal output, and an extensive measurement range. Their rational assembly process and stringent quality standards ensure superior performance and reliability, making them widely applicable for fluid and steam pressure measurement and control in high-temperature, viscous fluid environments or applications involving particulate matter.

## VALUE TO CUSTOMERS

- No-cavity corrugated flat film
- high reliability
- Wide measurement range
- Optional on-site display

## POTENTIAL APPLICATIONS

- Food and pharmaceutical equipment
- Pigments, spraying equipment
- Chemical and papermaking industries
- Environmental Protection and Dust Control Engineering



## ⚠ 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

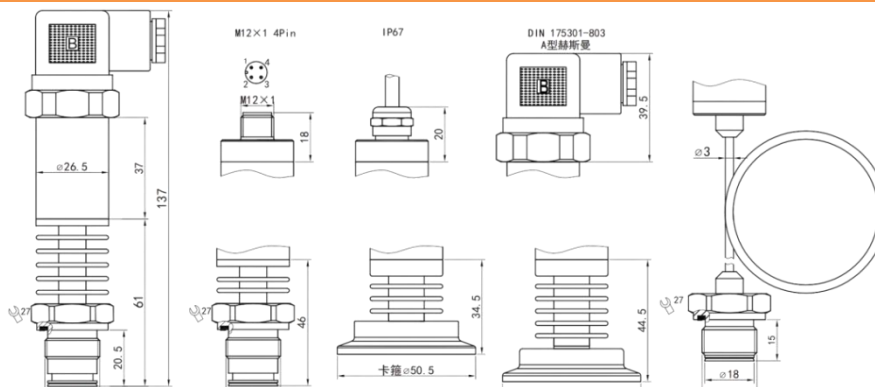
aerospace, medical, transportation, agriculture, refrigeration, and industrial applications. To view the entire product portfolio, click our company's website.

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## PERFORMANCE SPECIFICATIONS

Pressure range	0-60MPa ( Customizable )		
Pressure Accuracy	± 0.25%FS、 ± 0.5%FS		
Output	4-20mA、 0/1-5/10V、 0.5-4.5V、 RS485		
Excitation	5VDC、 24VDC、 9-30VDC		
Load Resistance	Current type: $R = (\text{Supply Voltage} - 8V) / 0.02 \Omega$		
Compensated Temp. Range	0-80°C	Operating Temp. Range	-40-150°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、 G1/2、 M20*1.5 ( Customizable )		
Electrical connector types	Hirschmann、 aviation plug、 waterproof cable 、 M12*1		
Housing	316L stainless steel		

## ELECTRICAL CONNECTOR TYPE DIMENSIONS



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