B32.ST+DS29 Flange Diaphragm Pressure Gauge –Insertion Connection

LANSO

Pressure measuring



Description

For Measuring Pressure in fluids that are highly viscous, crystalizing, solidifying or contains small grains, to prevent crystallization or clogging in the vent.

Applications

- Oil and Gas
- Petrochemical Industry
- Electrical Equipment
- Mechanical Processing
- Food and Beverage
- Biopharmaceutical Industry

Features

- Stainless Steel Casing Enclosure
- Versatile on Various Fluids
- Easy to Clean
- Can be Inserted Deep into Measuring Fluid

Options:

- Process Connection Dimension Customizable
- Dial Customizable

Technical Specs

Standard
JBT 8624–1997
Pressure Gauge Complies with EN837–1, GB/T 1226

Certification: CPA (China)

Nominal Size (mm): 100

Accuracy: 1.0% & 1.6%

Pressure Limits:

- Steady State: 3/4 x Full Scale Range
- Fluctuating: 2/3 x Full Scale Range
- Short Time: Full Scale Range

Overpressure:
≤10MPa: 125% x Full Scale Range
>10MPa，≤60MPa: 115% x Full Scale Range

Temperature Effect:
When the ambient temperature deviates from 20℃, the reading can deviated to a maximum of ±0.01% / 10K (degrees in Celsius/Kelvin).

Flange Standard:

HG20592、HG20615、ASME B16.5、EN1092–1
Customizable Insert Dimension

Wetted Material:
Stainless Steel 316L

Pressure Element:
Stainless Steel 316L, C–Type or Helical–Type

Case Material: Stainless Steel

Movement: Stainless Steel

Dial:

- Aluminum.
- Black Text on White Background.

Pointer:
Aluminum. Black

Window:
Glass, Safety Glass, Organic Glass

Process Connection:
Bottom–Mounted

Diaphragm Filling:
Silicone, Neobee M–20 (Edible Oil), Others

Case Filling:
No Fill, Glycerin, Silicone, Others

Working Temperature:

- Silicone –20℃ to +60℃
- Neobee M–20 –20℃ to +40℃

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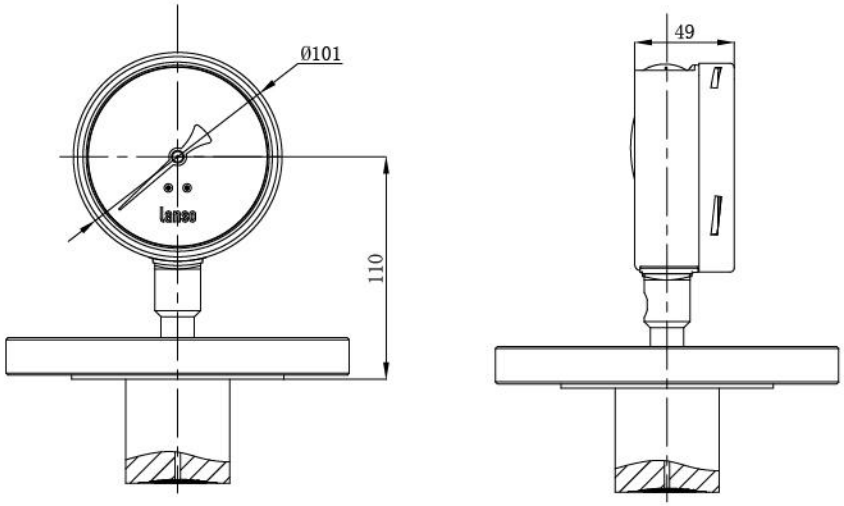
Pressure measuring

Standard Measuring Range

MPa	0~0.6	0~1	0~1.6	0~2.5	0~4	0~6
bar	0~6	0~10	0~16	0~25	0~40	0~60
psi	0~100	0~160	0~200	0~300	0~600	0~800

★ **Range could also be converted to units including millibar (mbar), kg/cm^2 and kPa.**

Dimensions



Customizable I nsert Dimension not Shown