B36.SA
Phenol Casing
Pressure Gauge

LANSO®

Pressure measuring



Description

For measuring pressure of fluids (liquids & gas) in industrial processes with complex and hazardous environments. With safety partition plate built into the pressure-releasing enclosure back, the internal stress from overloading pressure elements are released, enhancing operation safety to users and equipment.

Applications

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

Features

- Installation in complex environments
- Pressure-release back-plate enclosure with safety partition plate

Options:

- Process Connection Dimensions Customizable
- Dial Customizable

Technical Specs

Standard
ASME B40.100

Certification:
CPA (China), CRN (Canada)

Nominal Size (mm): 4.5”

Accuracy: ASME B40.100 Grade 1A

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 ±0.04% / 10K (degrees in Celsius/Kelvin).

Wetted Material:
304 / 316L Stainless Steel

Pressure Element:
316L Stainless Steel, C-type or Helical-type.

Case Material:
Phenolic Plastic

Movement:
Stainless Steel

Dial:

- Aluminum.
- Black Text on White Background.
- Dual Scale Option.

Pointer:
Aluminum. Black

Window:
Organic Glass

Process Connection:
Bottom

Filling Liquids:
No Fill, Glycerin, Silicone, Others

Working Temperature:

- -40℃ to 70℃ (for No-Fill or Silicone)
- -20℃ to 60℃ (for Glycerin)

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Standard Measuring Range

MPa	0~0.1	0~0.16	0~0.25	0~0.4	0~0.6	0~1
	0~1.6	0~2.5	0~4	0~6	0~10	0~16
	0~25	0~40	0~60			
bar	0~1	0~1.6	0~2.5	0~4	0~6	0~10
	0~16	0~25	0~40	0~60	0~100	0~160
	0~250	0~400	0~600			
psi	0~15	0~30	0~60	0~100	0~160	0~200
	0~300	0~600	0~800	0~1000	0~1500	0~2000
	0~3000	0~4000	0~5000	0~6000		

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

Dimensions

