

B32.ST+C

Stainless Steel Pressure Gauge – Electrical Contacts

LANSO®

Pressure measuring



★ Chinese Version

Technical Specs

Standard

JB/T 9273

Certification:

CPA (China), CRN (Canada)

Nominal Size (mm): 100, 150

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°C, the reading can deviated to a maximum of ±0.04% / 10K (degrees in Celsius/Kelvin).

Wetted Material: 304 / 316L Stainless Steel

Electrical Contacts:

Magnetic Contacts

Contact Power: 30 kVA

Max Working Voltage: 380 V

Max Allowed Current: 1 A

Description

Best for measuring pressure of corrosive fluids (liquids & gas) in industrial processes, where there are no risks of electrical fires and similar hazards. The gauge is implemented with electrical relays or contactors to enable automated remote surveillance and control.

Applications

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

Features

Pressure Measurement plus Pressure Control

Options:

- Process Connection Dimensions Customizable
- Dial Customizable

Pressure Element:

316L Stainless Steel, C-type or Helical-type.

Case Material: Stainless Steel

Movement: Stainless Steel

Dial:

■ Aluminum.

■ Black Text on White Background.

■ Dual Scale Option.

Pointer: Aluminum. Black

Window:

Glass, Safety Glass, Organic Glass

Process Connection:

■ Bottom-Mounted

■ M20x1.5, G1/2, NPT1/2, Others

Electrical Connection:

Electrical Connection Box with M20x1.5 Locking Clamps Cable ϕ 2.5 mm²

Filling Liquids:

No Fill, Glycerin, Silicone, Others

Working Temperature:

■ -40°C to 70°C (for No-Fill or Silicone)

■ -20°C to 60°C (for Glycerin)

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Standard Measuring Range

MPa	-0.1~0	-0.1~0.06	-0.1~0.15	-0.1~0.3	-0.1~0.5	-0.1~0.9
	-0.1~1.5	-0.1~2.4	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	-1~0	-1~0.6	-1~1.5	-1~3	-1~5	-1~9
	-1~15	-1~24	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	-30inHg~0	-30inHg~15psi	-30inHg~30psi	-30inHg~60psi	-30inHg~100psi	-30inHg~150psi
	-30inHg~300psi	0~15	0~30	0~6	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/cm² and kPa.

Dimensions

