



SERIES: P29

Dial: 4", 6"
Accuracy: 0.5%, 1.0%

DESCRIPTION

Indumart P29 Series Fillable Stainless Steel Pressure Gauges according to NACE MR0175 and NACE MR0103 standards are ideal for harsh environment and corrosive media. Because of their robust design, these heavy duty gauges meet stringent demands and bring the advantages of high accuracy, long-term stability and protection against dust and hose washing.

These heavy duty pressure gauges are used at measuring points with high dynamic alternating loads and strong vibrations and pulses. By introducing the **new stabilizer technology** in these pressure gauges, they are able to dampens vibration and pulsation without the problems of liquid filling; therefore NO LIQUID LEAKS, NO COSTLY FILLING LIQUIDS, NO FILL LINES, WIDER TEMPERATURE RANGES, LESS WEAR and LONGER LIFE. However, if the user still persists on filling the gauges with glycerine or silicon, they may be filled, as an option, upon delivery or at a later time by the user.

Socket of P29 series is welded to its case and the socket and its measuring element are made of 316L stainless steel and treated to meet NACE MR0175 and NACE MR0103, which make them resistant to hydrogen sulfide stress corrosion cracking. The design and manufacturing is according to EN873-1 standards. Having internal overpressure / vacuum stop and dampening screw are other features of P29 Series. The P29 Series may be ordered with Epoxy painted 304 SS stainless steel case (a more economical option than 316 SS case & bezel) to be used in harsh and corrosive environments.

Optional anti-glare and anti-static glass window can be ordered for places that have dirty atmosphere or sunshine and excessive light reflection make it impossible to read the dial. These windows repel dust and eliminate light reflection.

Optionally, the P29 Series may be ordered with various types of wall and panel mounting configurations, such as front or back flanges. Also the gauge may be supplied with the DIN type case and bezel.

NACE MR0175 & MR0103

Stabilizer Movement,
(the dry gauge performs as stable as the liquid-filled ones, but more accurate)

Anti-Glare & Anti-Static Window
(repels dust and eliminates light reflection)

Fillable Pressure Gauges



Epoxy Painted Cases also available

SPECIFICATIONS

Accuracy	1%, 0.5% (option)
Nominal Dial Size	4" (100 mm), 6" (150 mm)
Case & Bezel	304 st. steel (std); 316 st. steel (option) Epoxy painted 304 SS (option)
Bezel	Bayonet
Measuring Element	316L st. steel treated to comply with NACE MR0175 & MR0103 standards Bourdon tube for <1500 psi (100 bar or 10,000 kPa) Helical tube for ≥ 1500 psi (100 bar or 10,000 kPa)
Movement	304 st. steel with stabilizer
Connection	Bottom or back
Socket Thread	½" NPT (std.), BSP, ¼" (option)
Socket & Restrictor	316L st. steel treated to comply with NACE MR0175 & MR0103 standard standards
Gasket & Blow-out Disc	EPDM
Window	Safety glass (std.), anti-glare and anti-static glass window (option)
Pointer	Micrometer adjustable
Dial Material	Aluminum
Temperature Error	0.4%/10K of scale value; deviation from reference temp. of 20°C
Process Temp.	Max. 200°C (for non-filled gauges)
Ambient Temp.	-40...60°C
Protection	IP66
Range	0...10 to 0...30,000 psi; 0...60 to 0...200,000 kPa; 0...0.6 to 0...2,000 bar Vacuum & compound ranges are available. Single or double scale dials.

Specifications may change without prior notice.

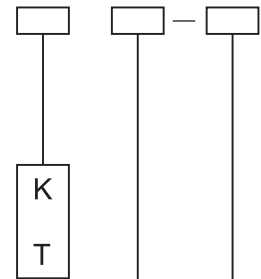
ORDER CODES

Model P29

CONNECTION

Back

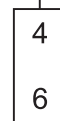
Bottom



DIAL SIZE

100 mm (4")

160 mm (6")



OPTIONS (more than one option may be selected)

Glycerine Filling

Silicon Filling

0.5% Accuracy

Epoxy Painted 304 SS Case & Bezel

316 St. Steel Case & Bezel

DIN Case & Bezel

Anti-Glare & Anti-Static Glass Window

¼" Process Connection

BSP Thread

Back Flange for wall mounting

Front Flange for panel mounting

Calibration Certificate



Example: P29T4-FG,CD,TR,MF



INDUMART INC.

25 Denison St., Markham, Ont. L3R 1B5, Canada
Phone: (905) 944-9998 Fax: (905) 944-8482 email: sales@indumart.com