

PDP Series

Piston Type Differential Pressure Gauge



Stainless Steel Case



Engineered Polymer Case

Marsh Differential Pressure Gauges measure the difference between two pressures in a system. This comparison allows the user to tell whether or not the equipment is functioning properly. Piston Type DP Gauges allow minor migration of process media from high to low port.

Features:

- Superb quality, economical price
- Static pressures up to 6,000 psi (316SS)

Product Specifications

Accuracy

±2% Full Scale (Ascending)

Dial Size(s)

2.5", 4", 4.5", 6" Diameter

Case

Stainless Steel (SS 304), Engineered Polymer

Sensing Element

Piston

Wetted Parts

Aluminum or 316SS

Ranges

5-1000 psi or equivalent ranges in other units

Maximum/Static Pressure

3000 psi - Aluminum

6000 psi - 316SS

Connections

1/4" NPT (F) and others through adapter

Port Configuration

In-line, rear, & bottom.

Mounting

Direct, front flange, 2" pipe & surface mounting

Seals

Buna-N, Viton, or EPDM

Window

Glass, safety glass, or acrylic

Options

Liquid filling (glycerine/silicone) - affects accuracy

Red follower pointer (except 6")

Customer logo

Dual scale

Color band

Filter mesh in (+) connection

Reverse port (pointer moves from right to left)

Descending calibration

Switches - Optional

1 or 2 SPSTs with a terminal strip

1 or 2 SPSTs with a built in relay

1 or 2 SPDTs with a terminal strip

1 or 2 SPDTs with a DIN plug

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Part Matrix

PDP							Piston Type DP Gauge
							Dial Size
	25						2.5"
	40						4.0"
	45						4.5"
	60						6.0"
							Wetted Parts
		A					Aluminum
		S					316SS
		X					Other/Custom (Contact Factory)
							Connection Size
			4				1/4" FNPT
			2				1/2" FNPT (Via Adapters)
			X				Other/Custom (Contact Factory)
							Port Configuration
				N			Inline (Standard)
				B			Back
				L			Lower
							Range
					5		0-5 psid
					10		0-10 psid
					15		0-15 psid
					20		0-20 psid
					30		0-30 psid
					60		0-60 psid
					100		0-100 psid
					X		Other/Custom (Contact Factory)
							Options
						MAX	Max Pointer/Red Follower Pointer
						GF	Glycerine Filled (Affects Accuracy)
						SF	Silicone Filled (Affects Accuracy)
						XX	Other/Custom (Contact Factory)

Differential Pressure Gauges