

SERIES 30

DIFFERENTIAL PRESSURE GAUGES



0-5" H₂O to 400" H₂O (15 psid)

- Convoluted Diaphragm Design
- General Purpose Differential Pressure
- Works with vacuum or pressure
- Suitable for clean liquids/gases

Specifications:

Temperature Limitations: -40°F (-40°C) to 200°F (93°C)

Max Working Pressure: 500 psi (300 psi for polysulfone)

Proof Pressure: 2x rated working pressure

Accuracy: 3-2-3% (above 10" H₂O)
5% (0-5" H₂O to 9.9" H₂O)

Sensing Element: Diaphragm

D30 — **35** — **P** — **PS** — **B** — **B** — **50P** — **TS**

Dial Size	Dial Cases	Body/Internals	Seals & Diaphragm	Connections	Range	Options
35 = 3.5" 45 = 4.5"	P = Plastic A = Aluminum	PS = Polysulfone/316SS AS = Aluminum/316SS BS = Brass/316SS SS = 316SS/316SS HH = Hast C/Hast C	B = Buna N (std.) V = Viton S = Silicone E = Ethylene Propylene (100 INWC max)	B = 1/4" NPTF Back (std.) T = 1/4" NPTF Top L = 1/4" NPTF bottom	See range table, p.17 e.g. 50P = 0/50 psid	See p.17 for all options & accessories

SERIES 05, 06, 09



05 - 0-10" H₂O to 80" H₂O
06 - 0-100" H₂O to 400" H₂O
09 - 0-15 psid to 6000 psid

- High Accuracy +/- 1% (F.S.)
- Diaphragm - Bellows type (05, 06)
- Bourdon Tube type (09)

Specifications:

Temperature Limitations: -40°F (-40°C) to 200°F (93°C)

Max Working Pressure: 1,500 psi (500 psi brass); up to 6,000 psi available

Proof Pressure: 2x rated static pressure or 10,000 psi, whichever is lower at ambient

Accuracy: 1% (std.), 0.5% (avail. 15 psi & up)

Sensing Element: 05 & 06 = Diaphragm/Bellows; 09 = Bourdon Tube

D — **05** — **45** — **P** — **A** — **B** — **D** — **50P** — **TS**

Dial Size	Dial Material	Body/Internals	Seals	Connections	Range	Options
45 = 4.5" 60 = 6.0"	P = Plastic	AB = Alum./ Copper Alloy AS = Aluminum/316SS CB = Carbon Stl./ Cu. Alloy CS = Carbon Steel/316SS SS = 316SS/316SS	B = Buna N (std.) V = Viton N = Neoprene	D = 05 & 06 - 1/4" NPTF Dual, Top & Bottom (std.) B = 09 - 1/4" NPTF Back (std.)	See range table, p.17 e.g. 50P = 0/50 psid	See p.17 for all options & accessories