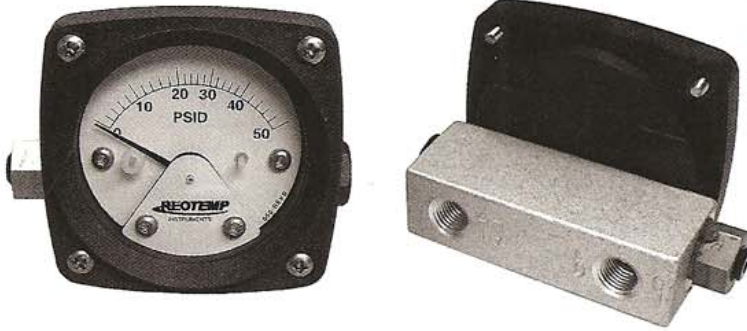


DIFFERENTIAL PRESSURE GAUGES

SERIES 20



0-5psid to 110psid

- Simple, Rugged Piston Design
- Use for Filters, Strainers, Flow indication
- Cost effective Differential Pressure

Specifications:

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

Max Working Pressure: 6,000 psi (5,000 psi for Monel)

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

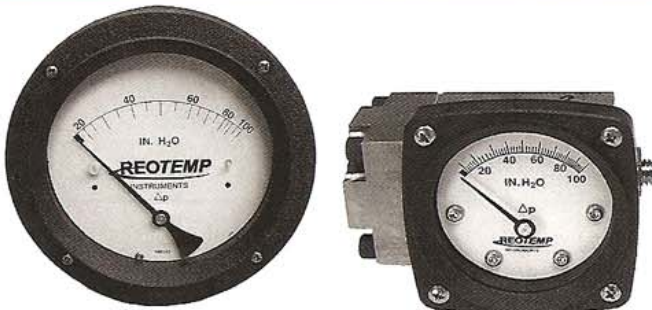
Accuracy: 3-2-3%

Sensing Element: Piston

D20 — 25 — P — SS — B — B — 50P — TS

Dial Size	Dial Case	Wetted				Range	Options
		Body/Internals	Seals	Connections			
25 = 2.5"	P = Plastic	SS = 316SS/316SS	B = Buna N (std.)	B = 1/4" NPTF Back (std.)	See range table, p.17 e.g. 50P = 0/50 psid	See p.17 for all options & accessories	
35 = 3.5"	A = Aluminum	AS = Aluminum/316SS	V = Viton	L = 1/4" NPTF end			
40 = 4.0"		MM = Monel/Monel ZM = Alum. Bronze/Monel	N = Neoprene T = Teflon	7 = 7/16" - 20 SAE/O-ring (back only)			

SERIES 40 & 42



Series 40

Series 42

40 - 0-30psid to 100psid
42 - 0-20"H₂O to 690"H₂O (25psi)

- Convoluted Diaphragm Design
- Ideal for dissimilar fluids, wet gas
- Recommended for fluids with high solids content
- For use with Diaphragm Seals

Specifications:

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

Max Working Pressure: 3,000 psi (1,500 psi for Brass)

Proof Pressure: 2x rated working pressure or 6,000 psi, whichever is lower at ambient

Accuracy: 3-2-3% or 5% (10" H₂O or lower)

Sensing Element: Diaphragm

D — 40 — 25 — P — AS — B — B — 50P — TS

Dial Size	Dial Case	Wetted				Range	Options
		Body/Internals	Seals & Diaphragm	Connections			
25 = 2.5"	P = Plastic	AS = Aluminum/316SS	B = Buna N (std.)	B = 1/4" NPTF Back (std.)	See range table, p.17 e.g. 50P = 0/50 psid	See p.17 for all options & accessories	
35 = 3.5"	A = Aluminum	BS = Brass/316SS	V = Viton (60" H ₂ O min.)	D = 1/4" NPTF Dual Top & Bottom			
45 = 4.5"		SS = 316SS/316SS	S = Silicone N = Neoprene (25psid max)				

*Other consult Factory

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

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