

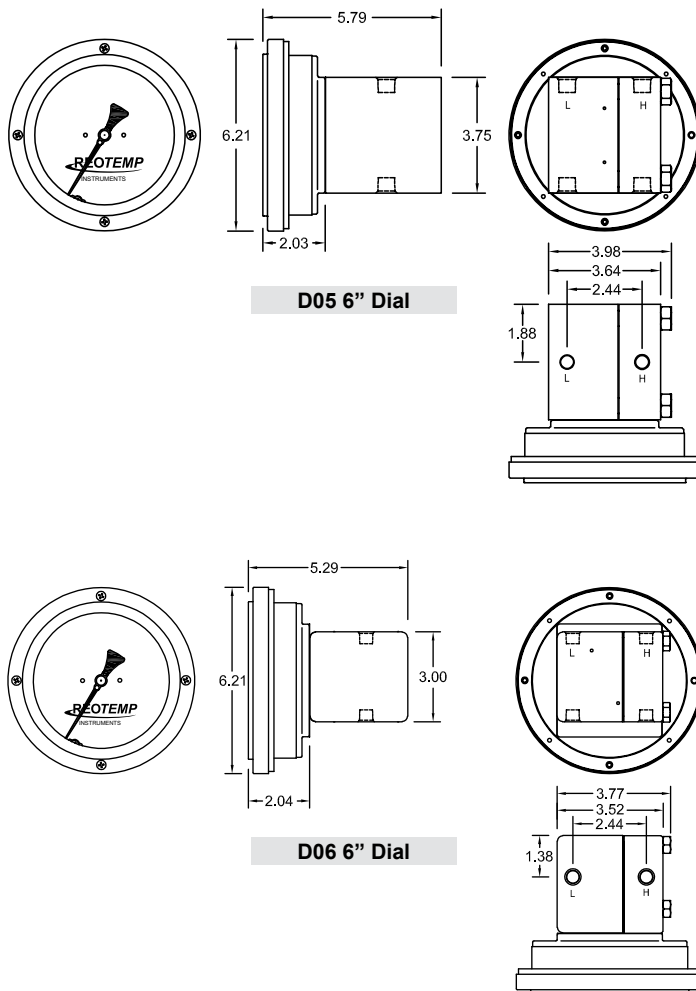
HIGH-ACCURACY INDUSTRIAL DIFFERENTIAL PRESSURE GAUGE

PRESSURE GAUGES

The REOTEMP Series D05/06 High Accuracy Bellows DP Gauge is a precise, easy-to-read, and rugged instrument built for the industrial markets. Available in a variety of wetted materials, this gauge is ideally suited for a variety of applications involving the differential pressure measurement of many process fluids.



D06



FEATURES / BENEFITS

- High Accuracy $\pm 1\%$ or $.5\%$ Full Scale
- Sensitive Bellows Measuring Element
- 270 Degree Dial Arc
- Differential Spans from 10" inH₂Od through 30 psid

SPECIFICATIONS

Accuracy	$\pm 1\%$ or $.5\%$ full scale
Ambient Limits	-40°F/130°F
Process Limits	-40°F/200°F
Process Limits with Diaphragm Seal	Series D05/06 cannot be mounted to a diaphragm seal. See series D40/42 for gauges mountable to a diaphragm seal.
Wetted Materials	Body: Aluminum, 316SS Internal Parts: 316SS Gasket/Seals: Buna, Viton, Teflon, Ethylene Propylene, or Silicone
Lens	Plastic (Standard) or Laminated Safety Glass
Other Materials	Dial Case: Engineered Plastic Dial: White Aluminum, Black Letters
Fillable	Yes
Maximum Working Pressure	3,000 psi - Aluminum Body 6,000 psi - 316SS Body
Environmental Protection	NEMA 4X/IP65

HIGH-ACCURACY INDUSTRIAL DIFFERENTIAL PRESSURE GAUGE



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HOW TO ORDER: Choose options to build a part number. For example: **D066PFB-D4W1M-PD5-M1**

D06	6P	F	B	-D4			
SERIES	DIAL SIZE	MATERIAL/ MAX WORKING PRESSURE				GASKETS & SEALS	PROCESS CONNECTION
D05 = For DP Ranges: 10-79 inH ₂ Od (.4-3 psi) D06 = For DP Ranges: 80-800 inH ₂ Od (3-30 psi)	4S = 4.5" Dial, Plastic Housing, 1% Full Scale 6P = 6" Dial, Plastic Housing, 1% Full Scale 6H = 6" Dial, Plastic Housing, 1/2% Full Scale* 4H = 4" Dial, Plastic Housing, 1/2% Full Scale* *30" WC and Above	Code	Body	Internals	MWP	B = Buna V = Viton S = Silicone E = Ethylene/ Propylene Wetted	-D4 = 1/4" FNPT Top and Bottom
		F	Aluminum	SS	1,500 psi		
		G	Aluminum	SS	3,000 psi		
		M	Mild Carbon Steel	SS	1,500 psi		
		N	Mild Carbon Steel	SS	3,000 psi		
		Q	316SS	SS	1,500 psi		
		R	316SS	SS	3,000 psi		
		T	316SS	SS	6,000 psi		
		X	Brass	SS	1,500 psi		
		Y	Brass	SS	500 psi		
Wetted							

W1	M	-PD5	-M1
SWITCH TYPE AND HOUSING	ELECTRICAL CONNECTION	PRESSURE RANGE	OPTIONS
XX = None W1 = One Micro Switch in Weatherproof Enclosure ±2% W2 = Two Micro Switch in Weatherproof Enclosure ±2%	X = None M = SPDT 4A, 30VDC; 3A, 240 VAC; 5A, 120VAC	-PD1 = 0-1 psid -PD5 = 0-5 psid -PD10 = 0-10 psid -PD20 = 0-20 psid -ID25 = 0-25 inH ₂ Od -ID100 = 0-100 inH ₂ Od -ID300 = 0-300 inH ₂ Od <i>For Additional Range Codes See Page 46</i>	-M1 = 2" Pipe Mounting Kit with Carbon Steel Bracket -M2 = 2" Pipe Mounting Kit with Stainless Steel Bracket -M3 = Wall Mounting Kit -SG = Laminated Safety Glass -TS = SS tag -OX = Cleaned for oxygen service

PRESSURE GAUGE RANGES AND CODES

PRESSURE GAUGES

SPECIAL RANGE TYPES

Receiver Ranges			Refrigerant Ranges			Tank Level Ranges	
Code	Element	Dial Range	Code	Dial Range	Refrigerant	Code	Range
P60	3-15 psi	0-100%	N06	-30inHg to 160 psi	Ammonia	F14	0-24ft H ₂ O
P61	3-15 psi	0-10 sq rt	R06	-30inHg to 160 psi	R134A	F15	0-30ft H ₂ O
P62	3-15 psi	0-100% & 0-10 sq.rt.	R06A	-30inHg to 160 psi	R22	F15C	0-40ft H ₂ O
			R06C	-30inHg to 160 psi	R404A	F16	0-60ft H ₂ O
			N07	-30inHg to 200 psi	Ammonia	F165	0-100ft H ₂ O
			N08	-30inHg to 300 psi	Ammonia		

LOW PRESSURE RANGES (PC SERIES ONLY)

Low Pressure Ranges									
inH ₂ O		oz/in ²		inH ₂ O & oz/in ²		mbar		psi	
Code	Range	Code	Range	Code	Range	Code	Range	Code	Range
P50	0-10 inH ₂ O	Z50	0-6 oz/in ²	Q50Z	0-10 inH ₂ O & 0-6 oz/in ²				
P51	0-15	Z51	0-8			M51	0-40 mbar		
P49	0-20	Z49	0-10	Q49C	0-20 & 0-12				
P515	0-25	Z52E	0-15						
P52	0-30			Q52N	0-30 & 0-18	M521	0-70	I52	0-1 psi
P525	0-40	Z52	0-20	Q525W	0-40 & 0-24	M525	0-100		
P53	0-60	Z53	0-30	Q53	0-60 & 0-35	M53F	0-150	I53	0-2
P54	0-100	Z54	0-60	Q54B	0-100 & 0-60	M54	0-250	I54	0-3
P55	0-160					M55	0-400	I55	0-5
P56	0-200	Z56	0-100	Q56C	0-200 & 0-115	M56	0-500	I56	0-7
Vacuum Ranges									
P88	-10-0 inH ₂ O	Z88	-6-0 oz/in ²	Q88	-10/0 inH ₂ O & -6/0 oz/in ²				
P90	-30-0	Z90	-20-0	Q90	-30/0 & -18/0	M905	-100-0 mbar	I90	-1-0 psi
P91	-60-0	Z91	-30-0	Q91	-60/0 & -35/0	M94	-200-0	I91	-2-0
P92	-100-0	Z92	-60-0	Q92	-100/0 & -60/0	M95	-400-0		
Compound Ranges									
P7A	-5/0/5 inH ₂ O	Z7A	-3/0/3 oz/in ²			M71	-20/0/20 mbar		
P70	-10/0/10			Q70C	-10/0/10 inH ₂ O & -6/0/6 oz/in ²	M72E	-30/0/30		
P71	-15/0/15					M72	-40/0/40		
P72	-20/0/20	Z72	-10/0/10	Q72C	-20/0/20 & -12/0/12			I73	-1-0-1 psi
P73	-30/0/30			Q73C	-30/0/30 & -18/0/18	M735	-100/0/100	I74	-2-0-2
P74	-60/0/60	Z745	-30/0/30					I55U	-3/0/3
P75	-100/0/100			Q75B	-100/0/100 & -60/0/60			P14C	-5/0/5

DIFFERENTIAL PRESSURE RANGES (DP GAUGES ONLY)

psid		inH ₂ O _d		bard		mbard		kPad	
Code	Range	Code	Range	Code	Range	Code	Range	Code	Range
PD1	0-1 psid	ID10	0-10 inH ₂ O _d	BD1	0-1 bard	MD40	0-40 mbard	AD2.5	0-2.5 kPad
PD3	0-3	ID20	0-20	BD1.6	0-1.6	MD60	0-60	AD6	0-6
PD5	0-5	ID30	0-30	BD2.5	0-2.5	MD100	0-100	AD10	0-10
PD10	0-10	ID50	0-50	BD4	0-4	MD160	0-160	AD25	0-25
PD20	0-20	ID100	0-100	BD6	0-6	MD250	0-250	AD40	0-40
PD50	0-50	ID150	0-150	BD7	0-7	MD400	0-400	AD100	0-100
PD100	0-100	ID200	0-200	BD11	0-11	MD600	0-600	AD250	0-250
PD200	0-200	ID400	0-400	BD55	0-55	MD1000	0-1000	AD700	0-700
PD6000	0-6000			BD400	0-400				