



Product feature

A pressure gauge can be used to measure pressure in various ways with industrial and commercial applications. Our pressure gauges are suitable for many different types of processes that need to protect against harsh conditions, such as corrosion or vibration. They are used in various industries, such as, brewing, food processing, petrochemical extraction, oil and gas refining, applications needing a hydraulic oil pressure gauge and scientific applications, and many others.

Our pressure gauges come in different options, such as center back mount, lower mount, or panel mount. The gauge face dials range from 1 1/2", 2", 2 1/2", 4". We offer a wide range of measurements, from vacuum to 15,000 PSI.

Ordering code

PG	40	S	1/8G	B	X	L	G	F
Pressure gauge		Material of gauge shell		Dial range	Liquid fill fluid		Option	
Gauge Dia. size		S Steel with chrome plated		B Bar	X Unfilled		F Panel-mount clamp	
25	1"	SB Steel with black color		K kgf/cm ²	1 Glycerin		G Front flange	
40	1.5"	SS Stainless steel		P Psi	2 Silicone		H Rear flange	
50	2"			M MPa				
60	2.5"	Fitting size		KP KPa	Connection			
80	3"	1/8R 1/8PT Male thread		BK Bar+kgf/cm ²	L Lower mount			
100	4"	1/4R 1/4PT Male thread		BM Bar+MPa	C Center back mount		Lens	
		3/8R 3/8PT Male thread		BP Bar+Psi			G Normal glass	
		1/2R 1/2PT Male thread					SG Safety glass	
		1/8N 1/8NPT Male thread					P Polycarbonate	
		1/4N 1/4NPT Male thread						
		3/8N 3/8NPT Male thread						
		1/2N 1/2NPT Male thread						

Process connections

Connection	Maximum pressure	Specification
Male ISO tapered thread		
R1/8(PT/NPT)	6000psi, 400bar, 40MPa	ISO 7/1 JIS B0203
R1/4(PT/NPT), R3/8(PT/NPT), R1/2(PT/NPT)	15000psi, 1000bar, 100MPa	

Model selection guide

Dial range	Dial size mm(in.)	Accuracy
Positive pressures: 0 to 10 psi, 400 mbar, or 50 kPa	63(2 1/2")	±1.5% of span ASME B40.100 Grade B, EN 837-3 Class 1.6, JIS B7505 Class 1.6
	100(4")	
Compound pressures: Vacuum to 200 psi, 9bar, or 1.5MPa Positive pressures: 0 to 10000psi, 600bar, or 60MPa	40(1 1/2")	±2.5% of span ASME B40.100 Grade C, EN 837-1 Class 2.5, JIS B7505 Class 2.5
	50(2")	
Compound pressures: Vacuum to 200 psi, 9bar, or 1.5MPa Positive pressures: 0 to 15000psi, 1000bar, or 100MPa	63(2 1/2")	±1.5% of span ASME B40.100 Grade B, EN 837-1 Class 1.6, JIS B7505 Class 1.6
	100(4")	
	160(6")	
Compound pressures: Vacuum to 400 psi, 9bar, 1.5MPa, or 2500kPa Positive pressures: 0 to 15000psi, 1000bar, 100MPa, or 100000kPa	115(4 1/2")	±0.5% of span ASME B40.100 Grade 2A
	160(6")	

⚠ Note: Glycerin-and silicone-filled gauges cannot be used where strong oxidizing agents are present.

FRL
AC/BC
AFC/BFC
AFR/BFR
AF/BF
AR/BR
AL/BL
SR
SDR
AC
AW
AF
AR
AL
F3
F2
F1
F
R
L
USFRL
USFR/L
USFR
USF
USR
USL
QSL
QTY
QIU
QTYH
QSLH
QFRH
AFF
AF(Big)
AL(Big)
AR(Big)
AD402
AH402
AD-5
IR
ITV
ACR
F804
PG