



Description & Features:

- A combination pressure gauge and diaphragm seal forming one unique instrument that measures low pressures where protection from the process media is required
- Bottom connection only
- All stainless steel construction
- A variety of materials available
- ASME B40.100 compliant
- CRN registered
- 5 year warranty

Applications:

- Used for low pressure corrosive media where diaphragm seal protection is needed
- Processes where low or high temperature will affect seal fill fluid

Specifications

Dial	4" (100mm), 6" (150mm) white aluminum with black markings
Case	304 SS
Upper Flange	SS (neck and base movements)
Lower Flange	316L SS bottom connection
Lens	Acrylic
Connection	1/2" NPTM bottom (female optional)
Diaphragm Element	316 SS, 316 SSI PTFE lined, or Tantalum
Movement	All SS - Push rod / connecting link and segment
Pointer	Adjustable pointer - aluminum
Wetted Parts	316 SS
Ambient Temperature	-13°F to 150°F (-25°C to 65°C)
Process Temperature	212°F (100°C) Maximum
Accuracy	±1.5% of full scale value
Enclosure Rating	IP54

Single Scale Order Codes

Dial Size	4" (100mm)	6" (150mm)
Connection	1/2" Bottom	
0/10" water/oz	PSG40105R1	PSG60105R1
0/30" water/oz	PSG40305R1	PSG60305R1
0/60" water/oz	PSG40605R1	PSG60605R1
0/100" water/oz	PSG401005R1	PSG601005R1
0/160" water/oz	PSG401605R1	PSG601605R1
0/200" water/oz	PSG402005R1	PSG602005R1
0/300" water/oz	PSG403005R1	PSG603005R1
0/10 psi	PSG4105R1	PSG6105R1
0/15 psi	PSG4155R1	PSG6155R1
0/30 psi	PSG4305R1	PSG6305R1
0/60 psi	PSG4605R1	PSG6605R1
0/100 psi	PSG41005R1	PSG41005TR1
0/160 psi	PSG41605R1	PSG61605R1
0/200 psi	PSG42005R1	PSG42005TR1
0/300 psi	PSG43005R1	PSG43005TR1

Other ranges and connection sizes available upon request. For scale change, refer to How to Order Guide for scale codes. **For options, attach suffix to end of order code: i.e. PSG41005TR1-SG-4 for SAFETY GLASS.**

Option suffix:

SG-4 = 4" (100mm) Safety glass lens

SG-6 = 6" (150mm) Safety glass lens

T = Tantalum diaphragm

Dual Scale Order Codes

Dial Size	4" (100mm)		6" (150mm)
Connection	1/2" Bottom		
0/10" water/oz	PSG40105	-	PSG60105
0/30" water/oz	PSG40305	-	PSG60305
0/60" water/oz	PSG40605	-	PSG60605
0/100" water/oz	PSG401005	-	PSG601005
0/160" water/oz	PSG401605	-	PSG601605
0/200" water/oz	PSG402005	-	PSG602005
0/300" water/oz	PSG403005	-	PSG603005
0/10 psi/kPa	PSG4105	-	PSG6105
0/15 psi/kPa	PSG4155	-	PSG6155
0/30 psi/kPa	PSG4305	-	PSG6305
0/60 psi/kPa	PSG4605	-	PSG6605
0/100 psi/kPa	PSG41005	PSG41005T	PSG61005
0/160 psi/kPa	PSG41605	-	PSG61605
0/200 psi/kPa	PSG42005	PSG42005T	PSG62005
0/300 psi/kPa	PSG43005	PSG43005T	PSG63005

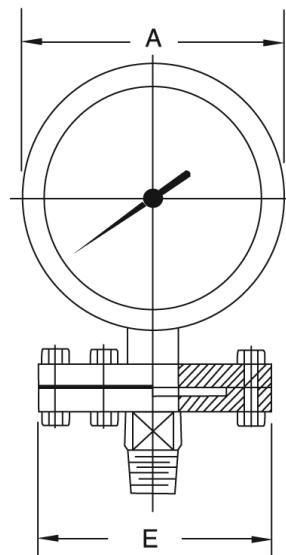
Other ranges and connection sizes available upon request. For scale change, refer to How to Order Guide for scale codes. **For options, attach suffix to end of order code: i.e. PSG41005T-SG-4 for SAFETY GLASS.**

Option suffix:

SG-4 = 4" (100mm) Safety glass lens

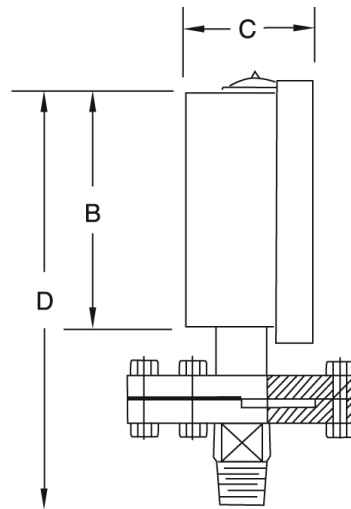
SG-6 = 6" (150mm) Safety glass lens

T = Tantalum Diaphragm



For pressure ranges greater than 0-10 psi/kPa

Case Dia.	Flange Dia.	A	B	C	D	E
4" 100 mm	4" 100 mm	4.43" 112	3.90" 99	2.16" 55	6.99" 177	3.86" 98
6" 150 mm	4" 100 mm	6.10" 155	5.51" 140	2.20" 56	6.99" 177	3.86" 98



For pressure ranges less than and equal to 10 psi/kPa

Case Dia.	Flange Dia.	A	B	C	D	E
4" 100 mm	6" 150 mm	4.43" 112	3.90" 99	2.16" 55	6.99" 177	6.10" 155
6" 150 mm	6" 150 mm	6.10" 155	5.51" 140	2.20" 56	6.99" 177	6.10" 155