



Sanitary Pressure Gauge

Pharmaceutical & Sanitary Gauge



Description & Features:

- Designed for food, beverage & dairy and pharmaceutical applications
- $\pm 0.75\%$ full scale value accuracy
- Food grade glycerin filling standard
- Re-zero feature standard
- Crack/breakage-resistant polycarbonate lens standard
- Clean-In-Place design
- Steam-In-Place design
- Autoclavable
- ASME B40.100 compliant
- CRN registered
- 5 year warranty

Application

- Designed for all sanitary applications including food & beverage, dairy, pharmaceutical and biotechnical
- Built to withstand the harshest of sanitary applications and where 3A approval is required
- For gas, air, liquid, pasty or powdery media



Repeatability:	0.25% of full scale value
Linearity:	0.25% of full scale value
Lens:	3/16" thick polycarbonate
Over-range Capability:	50% of full scale
Hysteresis:	0.25% of full scale
CIP Temperature Limit:	250°F (121°C) continuous
SIP Temperature Limit:	300°F (149°C) 1 hour, dry
Bourdon Tube:	316L SS, welded
Socket:	316L SS, welded
Storage Temperature:	-22°F to 195°F (-30°C to 91°C)
Temperature Effect:	Less than 0.16% per 10°F (5.5°C) change in process or ambient temperature
Actuating Fill:	Food grade glycerin standard (Mineral oil, silicone and Neobee-20 optional)
Case Fluid:	Food grade glycerin standard (Dry, mineral oil, silicone and Neobee-20 optional)
Pulsation Dampening:	Standard
Re-zero Feature:	Externally adjustable micrometer pointer
Wetted Parts:	316L SS, Ra = 8 microinches
Bezel:	304 SS, polished
Ambient Temperature:	40°F to 140°F (4°C to 60°C)
Process Temperature:	0°F to 250°F (-18°C to 121°C)

Dial Size	Range	Accuracy	Mounting Connection	Ordering Code Connection Size 1½" Tri-Clamp	Ordering Code Connection Size 2.0" Tri-Clamp
Φ63	-1:0	± 0.75%	Bottom	PG1-T15-063V-V00-SS*0	PG1-T20-063V-V00-SS*0
Φ63	-1:5	± 0.75%	Bottom	PG1-T15-063V-V05-SS*0	PG1-T20-063V-V05-SS*0
Φ63	0-2.5	± 0.75%	Bottom	PG1-T15-063V-002-SS*0	PG1-T20-063V-002-SS*0
Φ63	0-4	± 0.75%	Bottom	PG1-T15-063V-004-SS*0	PG1-T20-063V-004-SS*0
Φ63	0-6	± 0.75%	Bottom	PG1-T15-063V-006-SS*0	PG1-T20-063V-006-SS*0
Φ63	0-10	± 0.75%	Bottom	PG1-T15-063V-010-SS*0	PG1-T20-063V-010-SS*0
Φ63	0-16	± 0.75%	Bottom	PG1-T15-063V-016-SS*0	PG1-T20-063V-016-SS*0
Φ63	0-25	± 0.75%	Bottom	PG1-T15-063V-025-SS*0	PG1-T20-063V-025-SS*0
Φ63	-1:0	± 0.75%	Back	PG1-T15-063H-V00-SS*0	PG1-T20-063H-V00-SS*0
Φ63	-1:5	± 0.75%	Back	PG1-T15-063H-V05-SS*0	PG1-T20-063H-V05-SS*0
Φ63	0-2.5	± 0.75%	Back	PG1-T15-063H-002-SS*0	PG1-T20-063H-002-SS*0
Φ63	0-4	± 0.75%	Back	PG1-T15-063H-004-SS*0	PG1-T20-063H-004-SS*0
Φ63	0-6	± 0.75%	Back	PG1-T15-063H-006-SS*0	PG1-T20-063H-006-SS*0
Φ63	0-10	± 0.75%	Back	PG1-T15-063H-010-SS*0	PG1-T20-063H-010-SS*0
Φ63	0-16	± 0.75%	Back	PG1-T15-063H-016-SS*0	PG1-T20-063H-016-SS*0
Φ63	0-25	± 0.75%	Back	PG1-T15-063H-025-SS*0	PG1-T20-063H-025-SS*0

* Filling liquid

D	Dry
S	Silicone
G	Glycerin

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- Re-zero feature standard
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Pulsation Dampening:	Standard
Re-zero Feature:	Externally adjustable micrometer pointer
Wetted Parts:	316L SS, Ra = 8 microinches
Bezel:	304 SS, polished
Ambient Temperature:	40°F to 140°F (4°C to 60°C)
Process Temperature:	0°F to 250°F (-18°C to 121°C)

3A All-Purpose Quality Sanitary Gauge

Description & Features:

- Quality series for all sanitary gauge systems
- Food grade glycerin filling standard
- Electro-polish finish
- Industrial grade polycarbonate lens standard
- Clean-In-Place and steam-in-place design
- 0.75", 1.5" and 2" Tri-Clamp® connection bottom and back
- ASME B40.100 compliant
- CRN registered
- 5 year warranty

Application

- Designed for all sanitary applications including food & beverage, dairy, pharmaceutical and biotechnical
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Bezel:	304 SS, polished
Lens:	Polycarbonate
Over Pressure Limit:	25% up to 600 psi (41 bar) 15% over 600 psi (41 bar)
CIP Temperature Limit:	250°F (121°C) continuous
SIP Temperature Limit:	266°F (130°C) 1 hour, dry
Bourdon Tube:	316L SS
Socket:	316L SS
Movement:	304 SS
Enclosure Rating:	IP65/NEMA 4X
System Fill:	Food grade glycerin standard (Mineral oil, silicone and Neobee-20 optional)
Case Fill:	Food grade glycerin standard (Dry, mineral oil, silicone and Neobee-20 optional)
Re-zero Feature:	Adjustable micrometer pointer (4" (100mm) dial only)
Wetted Parts:	316L SS, Ra = 8 microinches
Ambient Temperature:	Glycerin filled: 40°F to 150°F (4°C to 65°C)
Process Temperature:	0°F to 250°F (-18°C to 121°C)



Dial Size	Range	Accuracy	Mounting Connection	Ordering Code Connection Size 1½" Tri-Clamp	Ordering Code Connection Size 2.0" Tri-Clamp
Φ63	-1:0	± 1.6%	Bottom	PG0-T15-063V-V00-SS*2	PG0-T20-063V-V00-SS*2
Φ63	-1:5	± 1.6%	Bottom	PG0-T15-063V-V05-SS*2	PG0-T20-063V-V05-SS*2
Φ63	0-2.5	± 1.6%	Bottom	PG0-T15-063V-002-SS*2	PG0-T20-063V-002-SS*2
Φ63	0-4	± 1.6%	Bottom	PG0-T15-063V-004-SS*2	PG0-T20-063V-004-SS*2
Φ63	0-6	± 1.6%	Bottom	PG0-T15-063V-006-SS*2	PG0-T20-063V-006-SS*2
Φ63	0-10	± 1.6%	Bottom	PG0-T15-063V-010-SS*2	PG0-T20-063V-010-SS*2
Φ63	0-16	± 1.6%	Bottom	PG0-T15-063V-016-SS*2	PG0-T20-063V-016-SS*2
Φ63	0-25	± 1.6%	Bottom	PG0-T15-063V-025-SS*2	PG0-T20-063V-025-SS*2
Φ63	-1:0	± 1.6%	Back	PG0-T15-063H-V00-SS*2	PG0-T20-063H-V00-SS*2
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Φ63	0-10	± 1.6%	Back	PG0-T15-063H-010-SS*2	PG0-T20-063H-010-SS*2
Φ63	0-16	± 1.6%	Back	PG0-T15-063H-016-SS*2	PG0-T20-063H-016-SS*1
Φ63	0-25	± 1.6%	Back	PG0-T15-063H-025-SS*2	PG0-T20-063H-025-SS*1

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Enclosure Rating:	IP65/NEMA 4X
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Φ100	-1:5	± 1.0%	Bottom	PG0-T15-100V-V05-SS*1	PG0-T20-100V-V05-SS*1
Φ100	0-2.5	± 1.0%	Bottom	PG0-T15-100V-002-SS*1	PG0-T20-100V-002-SS*1
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Φ100	-1:0	± 1.0%	Back	PG0-T15-100H-V00-SS*1	PG0-T20-100H-V00-SS*1
Φ100	-1:5	± 1.0%	Back	PG0-T15-100H-V05-SS*1	PG0-T20-100H-V05-SS*1
Φ100	0-2.5	± 1.0%	Back	PG0-T15-100H-002-SS*1	PG0-T20-100H-002-SS*1
Φ100	0-4	± 1.0%	Back	PG0-T15-100H-004-SS*1	PG0-T20-100H-004-SS*1
Φ100	0-6	± 1.0%	Back	PG0-T15-100H-006-SS*1	PG0-T20-100H-006-SS*1
Φ100	0-10	± 1.0%	Back	PG0-T15-100H-010-SS*1	PG0-T20-100H-010-SS*1
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