

GSD Glycerine-Filled Pressure Gauge (63mm Ø)

Bottom or back entry. 1/4 inch BSPP process entry thread. Ranges available from 1 bar to 100 bar (15 psi to 1500 psi). IP 65 rated. The Pressure Direct GSD range of pressure gauges are suitable for use in all gaseous and liquid media that will not attack the copper alloy parts or obstruct the pressure system. Commonly used for pneumatic, heating, ventilation, air-conditioning and medical engineering applications.

- 63mm Ø
- Bottom or back entry
- 1/4 inch BSP Parallel process entry thread
- Dual scale: 0...1 bar to 0...100 bar (0...15 psi to 0...1500 psi)
- Vibration and shock resistant

Technical Details	
Design	EN 837-1
Accuracy Class	1.6
Movement	Copper Alloy
Process Connection	1/4" BSP Parallel, Brass
Pressure Element	Copper Alloy
	Steady: 3/4 x full scale value
Pressure Limitation	Fluctuating: 2/3 x full scale value
	Short Time: full scale value
Dial	63mm Ø, aluminium, white, with pointer stop pin
Pointer	Aluminium, black
Case	304 Stainless Steel, venting cap on top
Window	Glass
Bezel Ring	Crimped, polished
Filling Liquid	Glycerine 99.7%
Temperature Effect	When measuring system temperature deviates from reference temp. (+20°C): Max. ±0.4 %/10 K of the span
Ingress Protection	IP 65 per EN 60529 / IEC 60529
Operating Temperature	Ambient: -20°C to +60°C



Rear view of back entry gauge and mounting bracket/screws (supplied)

pressure range		order code	
bar	psi	back entry	bottom entry
0...1	0...15	GSD01R	GSD01B
0...2	0...30	GSD02R	GSD02B
0...4	0...60	GSD04R	GSD04B
0...7	0...100	GSD07R	GSD07B
0...10	0...150	GSD10R	GSD10B
0...16	0...230	GSD16R	GSD16B
0...20	0...300	GSD20R	GSD20B
0...25	0...360	GSD25R	GSD25B
0...40	0...580	GSD40R	GSD40B
0...60	0...900	GSD60R	GSD60B
0...100	0...1500	GSD100R	GSD100B

GWD All Stainless Steel Pressure Gauge (63mm Ø)

Bottom entry. 1/4 inch BSPP process entry thread. Ranges available from 1 bar to 400 bar (15 psi to 5800 psi). IP 65 rated. The Pressure Direct GWD range of gauges are suitable for use in all gaseous and liquid media that are not highly viscous or crystallising and in applications that are too aggressive for standard gauges. Supplied as standard with a dry case but can be supplied glycerine filled for applications where pulsating or vibration exists. Commonly used for chemical, petro-chemical, power stations, mining, off-shore, environmental technology, machine building and plant construction.

- 63mm Ø
- Bottom entry
- 1/4 inch BSP Parallel process entry thread
- Dual scale: 0...1 bar to 0...400 bar (0...15 psi to 0...5800 psi)
- All stainless steel construction

Technical Details	
Design	EN 837-1
Accuracy Class	1.6
Movement	316 Stainless Steel
Process Connection	1/4" BSP Parallel, 316L Stainless Steel
Pressure Element	316 Stainless Steel
	Steady: 3/4 x full scale value
Pressure Limitation	Fluctuating: 2/3 x full scale value
	Short Time: full scale value
Dial	63mm Ø, aluminium, white, with pointer stop pin
Pointer	Aluminium, black
Case	304 Stainless Steel, venting cap on top
Window	Tempered glass
Bezel Ring	Crimped, polished
Filling Liquid	Glycerine 99.7% (optional)
Temperature Effect	When measuring system temperature deviates from reference temp. (+20°C): Max. ±0.4 %/10 K of the span
Ingress Protection	IP 65 per EN 60529 / IEC 60529
Operating Temperature	Ambient: -20°C to +60°C



Can be supplied glycerine-filled

pressure range		order code	
bar	psi	bottom entry	
0...1	0...15	GWD01B	
0...2	0...30	GWD02B	
0...4	0...60	GWD04B	
0...7	0...100	GWD07B	
0...10	0...150	GWD10B	
0...16	0...230	GWD16B	
0...20	0...300	GWD20B	
0...25	0...360	GWD25B	
0...40	0...580	GWD40B	
0...60	0...900	GWD60B	
0...100	0...1500	GWD100B	
0...140	0...2000	GWD140B	
0...200	0...3000	GWD200B	
0...280	0...4000	GWD280B	
0...400	0...5800	GWD400B	

Suffix code with -GLY for glycerine-filled:
e.g. GWD10B-GLY

