

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



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 6000 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...6000 psi)
- All stainless steel construction

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



pressure range		order code	
bar	psi	back entry	bottom entry
0...1	0...15	GWD01B	GWD01B
0...2	0...30	GWD02B	GWD02B
0...4	0...60	GWD04B	GWD04B
0...7	0...100	GWD07B	GWD07B
0...10	0...150	GWD10B	GWD10B
0...16	0...230	GWD16B	GWD16B
0...20	0...300	GWD20B	GWD20B
0...25	0...360	GWD25B	GWD25B
0...40	0...580	GWD40B	GWD40B
0...60	0...900	GWD60B	GWD60B
0...100	0...1500	GWD100B	GWD100B
0...140	0...2000	GWD140B	GWD140B
0...200	0...3000	GWD200B	GWD200B
0...280	0...4000	GWD280B	GWD280B
0...400	0...6000	GWD400B	GWD400B

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