

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.

- Bottom or back entry
- 1/4 inch BSP Parallel process entry thread
- 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
Pressure Limitation	Steady: 3/4 x full scale value
	Fluctuating: 2/3 x full scale value
	Short Time: full scale value
Dial	63mm Ø, aluminium, white, with pointer stop pin
Pointer	Aluminium
Case	304 Stainless Steel
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)

63mm Ø dial

63mm Ø Dial (1/4" BSPP)			
Pressure Range (dual scale)		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

GXD Stainless Steel Pressure Gauge (100mm Ø)

Bottom or back entry. 1/2 inch BSPP process entry thread. Ranges available from 1 bar to 400 bar. IP 65 rated. The Pressure Direct GXD 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.

- Bottom or back entry
- 1/2 inch BSP Parallel process entry thread
- 0..1 bar to 0..400 bar
- All stainless steel construction

Supplied with a dry case as standard but can be glycerine filled, if required



100mm Ø dial

Also available as 63mm Ø, 160mm Ø, glycerine-filled 99.7%

Technical Details	
Design	EN 837-1
Accuracy Class	1.0
Movement	Stainless Steel
Process Connection	1/2" BSP Parallel, 316L Stainless Steel
Pressure Element	Stainless Steel 316L
	< 100 bar: C-type; ≥ 100 bar: Helical type
	Steady: full scale value
Pressure Limitation	Fluctuating: 0.9 x full scale value
	Short time: 1.3 x full scale value
Dial	100mm Ø, aluminium, white, black lettering
Pointer	Aluminium, black
Case	Stainless steel, venting cap on top, relief cap on back
Window	Laminated safety glass
Bezel Ring	Cam ring (bayonet type), stainless steel
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: -40°C to +60°C

100mm Ø Dial (1/2" BSPP)		
Pressure Range (bar)	Order Code	
	Back Entry	Bottom Entry
0..1	GXD01R	GXD01B
0..2	GXD02R	GXD02B
0..4	GXD04R	GXD04B
0..7	GXD07R	GXD07B
0..10	GXD10R	GXD10B
0..16	GXD16R	GXD16B
0..25	GXD25R	GXD25B
0..40	GXD40R	GXD40B
0..60	GXD60R	GXD60B
0..140	GXD140R	GXD140B
0..200	GXD200R	GXD200B
0..280	GXD280R	GXD280B
0..400	GXD400R	GXD400B