

# 63mm Dia. Pressure Gauges

## Reservoir Equipment

### Specification



#### Construction:

Case: Natural finish stainless steel.  
 Window: Non-splintering clear acrylic glass.  
 Movement: Cu alloy.  
 Dial: White plastic, with pointer stop pin.  
 Pointer: Black plastic.

#### Liquid filling:

Glycerine 99.7%.

#### Working pressure:

Max 75% of the full scale value.

#### Process temperature range:

0°C to 60°C maximum.

#### Accuracy:

1.6% FSD.

#### Wetted parts connector:

Copper alloy.

#### Bourdon tube:

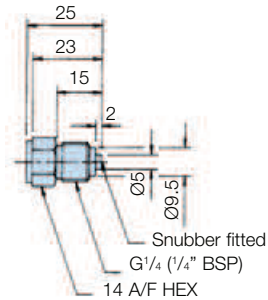
< 60 bar = Cu alloy, C-type, soft soldered.

> 60 bar = Cu alloy, helical type, soft soldered.

#### IP Class:

IP65.

### Mounting Stem Detail

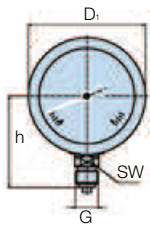


Symbol

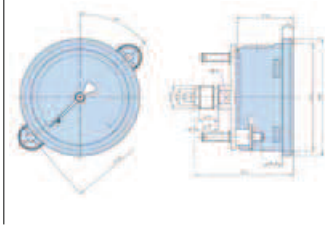
Note: It is recommended that all glycerine gauges should be mounted in the vertical position with gauge case relief valve uppermost. Pressure range up to 1000 bar available.

### Installation Details

#### Bottom Connection



#### Panel Mounting (Centre Back)



#### Dimensions (mm)

a	b	D <sub>1</sub>	D <sub>2</sub>	e	G	h	SW	Weight	
±0.5	13	32	68	62	6.5	±1	G <sup>1</sup> / <sub>4</sub>	54	14
									0.21

#### Bottom Connection

#### Dimensions (mm)

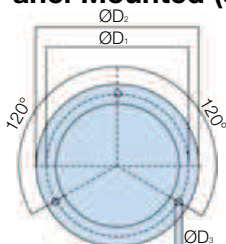
b	b <sub>2</sub>	D <sub>1</sub>	D <sub>2</sub>	e	G	SW	Weight	
±0.5	±1	32	56	68	62	6.5	G <sup>1</sup> / <sub>4</sub>	14
								0.21

#### Panel Mounting (Lower Back)

Note 1: Panel cut-out 64.5 ±0.5

Note 2: 13mm on the outside radius required to allow for fixing clamp.

#### Panel Mounted (3-hole flange)



Note 1: Gauge dimensions as for panel mounting option above with flange as shown below.

Note 2: Panel cut-out for 3-hole mounting 67±0.3.

#### Dimensions (mm)

D1	D2	D3
75	85	3.6

### Ordering Information

#### Bottom Connection

Part number	Supersedes	Pressure range	Connector type
<b>PGB0631010</b>	PGC.0631.010	0-10 bar	G <sup>1</sup> / <sub>4</sub> Bottom
<b>PGB0631016</b>	PGC.0631.016	0-16 bar	G <sup>1</sup> / <sub>4</sub> Bottom
<b>PGB0631025</b>	PGC.0631.025	0-25 bar	G <sup>1</sup> / <sub>4</sub> Bottom
<b>PGB0631040</b>	PGC.0631.040	0-40 bar	G <sup>1</sup> / <sub>4</sub> Bottom
<b>PGB0631060</b>	PGC.0631.060	0-60 bar	G <sup>1</sup> / <sub>4</sub> Bottom
<b>PGB0631100</b>	PGC.0631.100	0-100 bar	G <sup>1</sup> / <sub>4</sub> Bottom
<b>PGB0631160</b>	PGC.0631.160	0-160 bar	G <sup>1</sup> / <sub>4</sub> Bottom
<b>PGB0631250</b>	PGC.0631.250	0-250 bar	G <sup>1</sup> / <sub>4</sub> Bottom
<b>PGB0631400</b>	PGC.0631.400	0-400 bar	G <sup>1</sup> / <sub>4</sub> Bottom
<b>PGB0631600</b>	PGC.0631.600	0-600 bar	G <sup>1</sup> / <sub>4</sub> Bottom
<b>PGB0631004</b>	PGC.0631.004	0-4 bar	G <sup>1</sup> / <sub>4</sub> Bottom

#### Panel Mounting

Part number	Supersedes	Pressure range	Connector type
<b>PGC0631010</b>	PGC.0631.010	0-10 bar	G <sup>1</sup> / <sub>4</sub> Panel
<b>PGC0631016</b>	PGC.0631.016	0-16 bar	G <sup>1</sup> / <sub>4</sub> Panel
<b>PGC0631025</b>	PGC.0631.025	0-25 bar	G <sup>1</sup> / <sub>4</sub> Panel
<b>PGC0631040</b>	PGC.0631.040	0-40 bar	G <sup>1</sup> / <sub>4</sub> Panel
<b>PGC0631060</b>	PGC.0631.060	0-60 bar	G <sup>1</sup> / <sub>4</sub> Panel
<b>PGC0631100</b>	PGC.0631.100	0-100 bar	G <sup>1</sup> / <sub>4</sub> Panel
<b>PGC0631160</b>	PGC.0631.160	0-160 bar	G <sup>1</sup> / <sub>4</sub> Panel
<b>PGC0631250</b>	PGC.0631.250	0-250 bar	G <sup>1</sup> / <sub>4</sub> Panel
<b>PGC0631400</b>	PGC.0631.400	0-400 bar	G <sup>1</sup> / <sub>4</sub> Panel
<b>PGC0631004</b>	PGC.0631.004	0-4 bar	G <sup>1</sup> / <sub>4</sub> Panel
<b>PGC0631600</b>	PGC.0631.600	0-600 bar	G <sup>1</sup> / <sub>4</sub> Panel

#### Panel Mounted (3-hole flange)

Part number	Supersedes	Pressure range	Connector type
<b>PGF0631060</b>	PGF.0631.060	0-60 bar	G <sup>1</sup> / <sub>4</sub> Panel Flange
<b>PGF0631100</b>	PGF.0631.100	0-100 bar	G <sup>1</sup> / <sub>4</sub> Panel Flange
<b>PGF0631160</b>	PGF.0631.160	0-160 bar	G <sup>1</sup> / <sub>4</sub> Panel Flange
<b>PGF0631250</b>	PGF.0631.250	0-250 bar	G <sup>1</sup> / <sub>4</sub> Panel Flange
<b>PGF0631400</b>	PGF.0631.400	0-400 bar	G <sup>1</sup> / <sub>4</sub> Panel Flange
PGF0631004	PGF.0631.004	0-4 bar	G <sup>1</sup> / <sub>4</sub> Panel Flange
PGF0631010	PGF.0631.010	0-10 bar	G <sup>1</sup> / <sub>4</sub> Panel Flange
PGF0631016	PGF.0631.016	0-16 bar	G <sup>1</sup> / <sub>4</sub> Panel Flange
PGF0631025	PGF.0631.025	0-25 bar	G <sup>1</sup> / <sub>4</sub> Panel Flange
PGF0631040	PGF.0631.040	0-40 bar	G <sup>1</sup> / <sub>4</sub> Panel Flange
PGF0631600	PGF.0631.600	0-600 bar	G <sup>1</sup> / <sub>4</sub> Panel Flange

Note 1: Part numbers featured with bold highlighted codes will ensure a 'standard' product selection.

Note 2: Alternate displayed part number selection will require you to contact Parker Filtration for availability.

\*Note 3: Any subsequent changes to gauge accuracy will be notified.



# 100mm Dia. Pressure Gauges

## Reservoir Equipment

### Specification



#### Construction:

Case: BS 304 S15 stainless steel.  
 Window: Acrylic.  
 Movement: Brass.  
 Dial: White aluminium.  
 Pointer: Black aluminium.

#### Liquid filling:

Glycerine 98%.

#### Working pressure:

Full scale value.

#### Process temperature range:

-20°C to +60°C maximum.

#### Accuracy:

1.0% FSD.

#### Wetted parts connector:

Copper alloy.

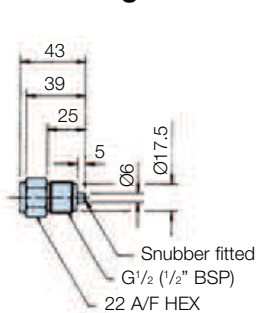
#### Bourdon tube:

< 100 bar = Cu alloy, c-type, soft soldered.  
 > 100 bar = stainless steel 1.4571, helical type, brazed.

#### IP Class:

IP65.

### Mounting Stem Detail

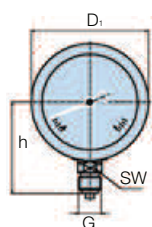


Symbol

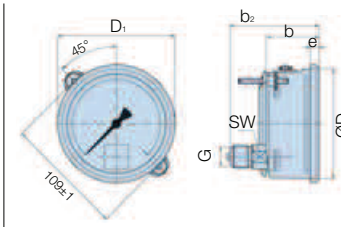
Note: It is recommended that all glycerine gauges should be mounted in the vertical position with gauge case relief valve uppermost.

### Installation Details

#### Bottom Connection



#### Panel Mounting (Lower Back)



#### Dimensions (mm)

a	b	D <sub>1</sub>	D <sub>2</sub>	e	G	h	SW	Weight	
±0.5		48	107	100	8	G <sub>1/2</sub>	87	22	0.80

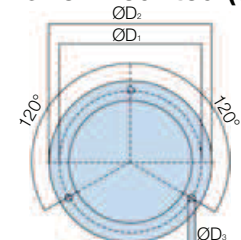
#### Dimensions (mm)

b	b <sub>2</sub>	D <sub>1</sub>	D <sub>2</sub>	e	G	SW	Weight	
±0.5		±1	107	100	8	G <sub>1/2</sub>	22	0.80

Note 1: Panel cut-out 102 ±1.0

Note 2: 13mm on the outside radius required to allow for fixing clamp.

#### Panel Mounted (3-hole flange)



Note 1: Gauge dimensions as for panel mounting option above with flange as shown below.

Note 2: Panel cut-out for 3-hole mounting 104 ±0.5.

#### Dimensions (mm)

D1	D2	D3
116	132	4.8

### Ordering Information

#### Bottom Connection

Part number	Supersedes	Pressure range	Connector type
<b>PGB1001250</b>	PGB.1001.250	0-250 bar	G <sub>1/2</sub> Bottom
<b>PGB1001400</b>	PGB.1001.400	0-400 bar	G <sub>1/2</sub> Bottom
<b>PGB1001010</b>	PGB.1001.010	0-10 bar	G <sub>1/2</sub> Bottom
<b>PGB1001016</b>	PGB.1001.016	0-16 bar	G <sub>1/2</sub> Bottom
<b>PGB1001025</b>	PGB.1001.025	0-25 bar	G <sub>1/2</sub> Bottom
<b>PGB1001040</b>	PGB.1001.040	0-40 bar	G <sub>1/2</sub> Bottom
<b>PGB1001060</b>	PGB.1001.060	0-60 bar	G <sub>1/2</sub> Bottom
<b>PGB1001100</b>	PGB.1001.100	0-100 bar	G <sub>1/2</sub> Bottom
<b>PGB1001160</b>	PGB.1001.160	0-160 bar	G <sub>1/2</sub> Bottom
<b>PGB1001600</b>	PGB.1001.600	0-600 bar	G <sub>1/2</sub> Bottom
<b>PGB10011000</b>	PGB.1001.1000	0-1000 bar	G <sub>1/2</sub> Bottom

#### Panel Mounting

Part number	Supersedes	Pressure range	Connector type
<b>PGE1001010</b>	PGE.1001.010	0-10 bar	G <sub>1/2</sub> Panel
<b>PGE1001016</b>	PGE.1001.016	0-16 bar	G <sub>1/2</sub> Panel
<b>PGE1001025</b>	PGE.1001.025	0-25 bar	G <sub>1/2</sub> Panel
<b>PGE1001040</b>	PGE.1001.040	0-40 bar	G <sub>1/2</sub> Panel
<b>PGE1001060</b>	PGE.1001.060	0-60 bar	G <sub>1/2</sub> Panel
<b>PGE1001100</b>	PGE.1001.100	0-100 bar	G <sub>1/2</sub> Panel
<b>PGE1001160</b>	PGE.1001.160	0-160 bar	G <sub>1/2</sub> Panel
<b>PGE1001250</b>	PGE.1001.250	0-250 bar	G <sub>1/2</sub> Panel
<b>PGE1001400</b>	PGE.1001.400	0-400 bar	G <sub>1/2</sub> Panel
<b>PGE1001600</b>	PGE.1001.600	0-600 bar	G <sub>1/2</sub> Panel
<b>PGE10011000</b>	PGE.1001.1000	0-1000 bar	G <sub>1/2</sub> Panel

#### Panel Mounted (3-hole flange)

Part number	Supersedes	Pressure range	Connector type
<b>PGF1001250</b>	PGF.1001.250	0-250 bar	G <sub>1/2</sub> Panel Flange
<b>PGF1001400</b>	PGF.1001.400	0-400 bar	G <sub>1/2</sub> Panel Flange
PGF1001010	PGF.1001.010	0-10 bar	G <sub>1/2</sub> Panel Flange
PGF1001016	PGF.1001.016	0-16 bar	G <sub>1/2</sub> Panel Flange
PGF1001025	PGF.1001.025	0-25 bar	G <sub>1/2</sub> Panel Flange
PGF1001040	PGF.1001.040	0-40 bar	G <sub>1/2</sub> Panel Flange
PGF1001060	PGF.1001.060	0-60 bar	G <sub>1/2</sub> Panel Flange
PGF1001100	PGF.1001.100	0-100 bar	G <sub>1/2</sub> Panel Flange
PGF1001160	PGF.1001.160	0-160 bar	G <sub>1/2</sub> Panel Flange
PGF1001600	PGF.1001.600	0-600 bar	G <sub>1/2</sub> Panel Flange
PGF10011000	PGF.1001.1000	0-1000 bar	G <sub>1/2</sub> Panel Flange

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