

## Reservoir Equipment

397

# 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.

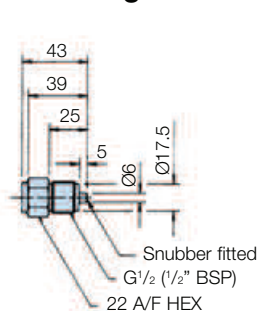
#### Bourdon tube:

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

#### IP Class:

IP65.

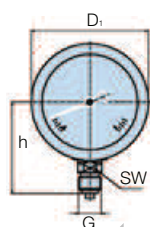
### Mounting Stem Detail



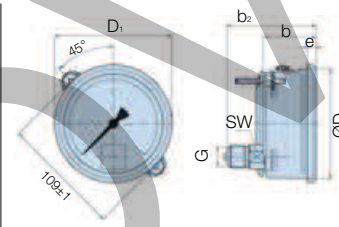
Note: It is recommended that all glycerine gauges should be mounted in the vertical position with gauge case relief valve uppermost.

### Installation Details

#### Bottom Connection



#### Panel Mounting (Lower Back)



#### Dimensions (mm)

a	b	D1	D2	e	G	h	SW	Weight	
±0.5						±1		Kg	
15.5	48	107	100	8	G <sup>1/2</sup>	87	22	0.80	

#### Bottom Connection

#### Dimensions (mm)

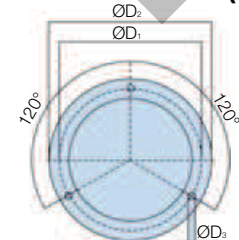
b	b2	D1	D2	e	G	SW	Weight	
±0.5		±1						Kg
48	81.5	107	100	8	G <sup>1/2</sup>	22	0.80	

#### Panel Mounting (Lower Back)

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 <sup>1/2</sup> Bottom
<b>PGB1001400</b>	PGB.1001.400	0-400 bar	G <sup>1/2</sup> Bottom
<b>PGB1001010</b>	PGB.1001.010	0-10 bar	G <sup>1/2</sup> Bottom
<b>PGB1001016</b>	PGB.1001.016	0-16 bar	G <sup>1/2</sup> Bottom
<b>PGB1001025</b>	PGB.1001.025	0-25 bar	G <sup>1/2</sup> Bottom
<b>PGB1001040</b>	PGB.1001.040	0-40 bar	G <sup>1/2</sup> Bottom
<b>PGB1001060</b>	PGB.1001.060	0-60 bar	G <sup>1/2</sup> Bottom
<b>PGB1001100</b>	PGB.1001.100	0-100 bar	G <sup>1/2</sup> Bottom
<b>PGB1001160</b>	PGB.1001.160	0-160 bar	G <sup>1/2</sup> Bottom
<b>PGB1001600</b>	PGB.1001.600	0-600 bar	G <sup>1/2</sup> Bottom
<b>PGB10011000</b>	PGB.1001.1000	0-1000 bar	G <sup>1/2</sup> Bottom

#### Panel Mounting

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

### Panel Mounted (3-hole flange)

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