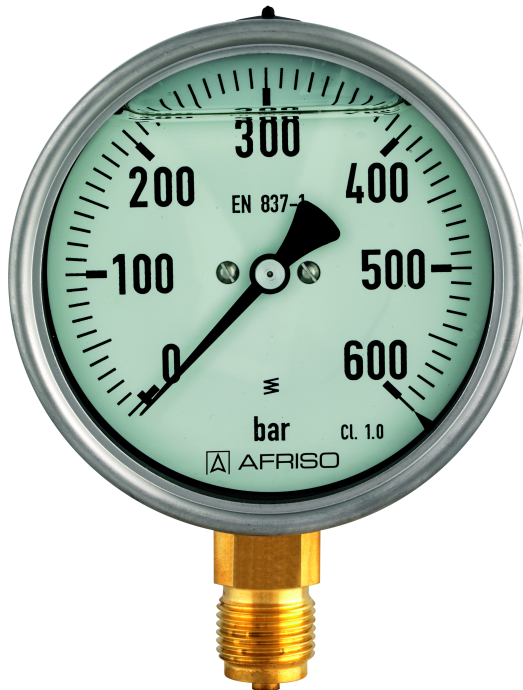




## Glycerine filled Bourdon tube pressure gauges RF160Gly

Part no. 85255801

Glycerine filled Bourdon tube pressure gauges Type D8

### benefits

- compact design
- can be used in case of heavy vibrations and high, dynamic pressure loads
- longer service life due to less wear and corrosion protection of the measuring system
- No steaming up of the inside of the window in case of outdoor applications

### Application

For gaseous and liquid media which are not highly viscous, do not crystallise and do not attack copper alloys. For measurements in areas with high vibration levels and high, dynamic pressure loads.

### Technical Specifications

**Type**  
D8

**Nominal size**  
160

**accuracy class (EN 837-1/6)**  
1.0

**ranges (EN 837-1/5)**  
see ordering table

**application area**  
 $\leq 600$  bar: Full scale value  
 $> 600$  bar:  $\frac{3}{4}$  x full scale value  
 $\leq 600$  bar: 0.9 x full scale value  
 $> 600$  bar:  $\frac{2}{3}$  x full scale value  
 $\leq 600$  bar: 1.3 x full scale value  
 $> 600$  bar: Full scale value

### Operating temperature range

Medium: max. 60 °C  
 Ambient: -20/+60 °C

### Degree of protection

IP 54 (EN 60529) with housing vent ( $\leq 25$  bar)

### Connection

Brass, bottom

### Measuring element

Bourdon tube  
 $\leq 60$  bar: "C" type tube, Copper alloy  
 $> 60$  bar: helical tube, stainless steel 316 Ti/316 L

### movement

Brass

### Dial

Aluminium, white  
 Scaling: black

**Pointer**  
Aluminium, black

**Housing**  
Stainless steel 304, with blow-out

**bayonet bezel**  
Stainless steel 304

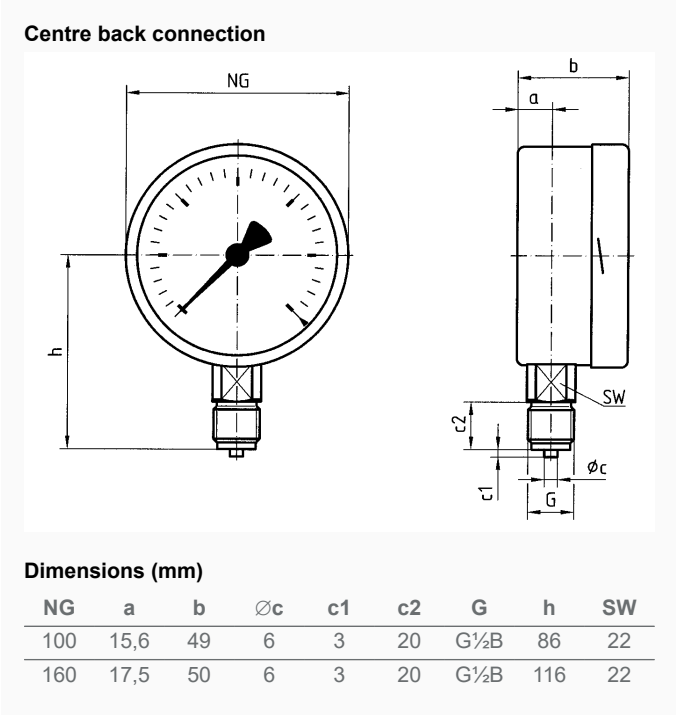
**Options**

- back flange
- 3-hole fixing, panel mounting bezel
- 3-hole fixing, panel mounting bezel (NG 63)
- special scales
- other process connections

**window**  
Instrument glass

**filling liquid**  
glycerine (99.5 %)

**Technical Drawings**



**Versions**

| Range     | Mounting type | Type             | Part number |
|-----------|---------------|------------------|-------------|
| -1/+5 bar | direct        | RF160Gly<br>D801 | 85255801    |

- ☒ in-stock items
- ☐ Non-stock items