

BOURDON TUBE PRESSURE GAUGE WITH GLYCERINE FILLING, STAINLESS STEEL CASE ACC. TO EN 837-1




DRUCK & TEMPERATUR

Nominal size 100
Connection bottom, brass
American design

For measuring tasks where strong mechanical vibrations or pressure pulses may arise. The glycerine filling ensures a smooth pointer movement and thus for good readability even in extreme loads and high vibration stress. The lubricating effect of the glycerine also has a favorable effect against increased wear.

The wide bayonet ring (American design) enables easy readability over the entire dial.



| Type | 7781 | Options |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Nominal diameter | 100 | |
| Symbol |  | |
| Accuracy | 1,0 acc. to DIN EN 837-1 | |
| Measuring ranges | 0...0,6 up to 0...600 bar, negative and/or positive overpressure | |
| Applications | Constant load: full of scale value Alternating load: 0,9 x full scale value Overload: 1,3 x full scale value, short time! | |
| Case | Stainless steel, with blow out (rear) | |
| Case filling | Glycerine | |
| Ring | Bayonet, stainless steel | |
| Measurement | Cu- alloy, bourdon tube up to 60 bar, above 100 bar helical spring | |
| Connection material | CuZn-alloy | |
| Thread | G 1/2 B | |
| Connection position | radial bottom | |
| Window | Instrumental glass | |
| Movement | CuZn-alloy | |
| Dial | Aluminium white, scale and lettering black | Special scale, double scale |
| Pointer | Aluminium black | Drag indicator, mark pointer |
| Temperatures | Medium: -20°C up to max. 80°C, ambient: -25°C up to max. 60°C | |
| Protection class | IP 54 acc. to EN 60529 / IEC 529 | |
| Weight | approx. 0,9 kg | |

Dimensional drawing

Dimensions in mm

Type 7781

