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