



Product highlights

- For non-corrosive gasses and liquids
- Class 1.6 according to EN 837-1
- Case material: Stainless steel
- Wetted parts: Brass
- OEM applications
- Liquid-filled for applications with pulsations or vibrations

Technical data

Housing

Nominal size	63 mm
Case material	Stainless steel 1.4301 / AISI 304
Bezel ring material	Stainless steel 1.4301 / AISI 304
Window material	Polycarbonate
Protection rating (EN 60529)	IP54
Dial	White, aluminium
Pointer	Black, aluminium
Movement material	Brass

Temperature

Ambient temperature	-10°C ... +70°C
Storage temperature	-10°C ... +70°C
Media temperature	-10°C ... +70°C

Wetted parts

Process connection material	Brass
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Wetted parts

Bourdon tube	Copper alloy
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Performance

Accuracy according to Class 1.6 EN 837-1

Min. measuring range 0 ... 1 bar

Max. measuring range 0 ... 600 bar

Type of pressure	■ Gauge ■ Vacuum
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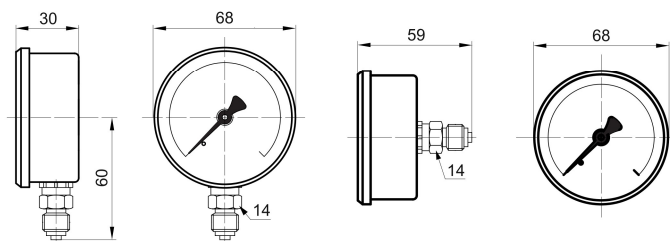
Pressure limitation	■ Steady: 75 % of full scale value ■ Fluctuating: 60 % of full scale value ■ Short time: 100 % of full scale value
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Temperature coefficient at +20°C	± 0.4 % FS/10K
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Weight

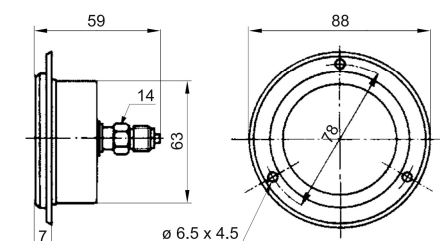
Gauge	■ 150 g unfilled ■ 200 g filled
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Technical drawings



Type D

Type F

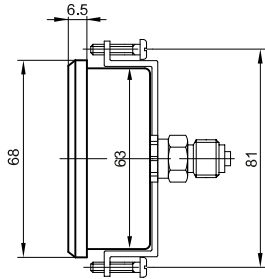


Type B

MIT3

Utility pressure gauge with damping fluid

Technical drawings



Type G

MIT3

Utility pressure gauge with damping fluid

Ordering reference

Order key

	MIT	3	-	x	2	x	.	Bxx
Product	MIT							
MIT Utility pressure gauge								
Dimension								
Nominal size 63 mm		3						
Case								
Back connection, frontflange, 3 holes for panel mounting						B		
Bottom connection						D		
Back connection						F		
Back connection, frontflange and fixing clamp for panel mounting						G		
Process connection								
G 1/4						2		
Damping fluid								
Without damping fluid							0	
BH2, Glyzerin 99 %							2	
Measuring range								
bar (EN)								Bxx

Preferred Types

Pressure ranges

Code	Bar
B59	-1 ... 0
B15	0 ... 1
B16	0 ... 1.6
B18	0 ... 2.5
B19	0 ... 4
B20	0 ... 6
B22	0 ... 10
B24	0 ... 16
B26	0 ... 25
B27	0 ... 40
B29	0 ... 60
B31	0 ... 100
B33	0 ... 160
B35	0 ... 250
B38	0 ... 400
B39	0 ... 600

MIT3

Utility pressure gauge with damping fluid

Ordering reference

Ordering example

MIT 3 - B 2 2 . B20

Product

MIT Utility pressure gauge

Dimension

Nominal size 63 mm

Case

Back connection, frontflange, 3 holes for panel mounting

Process connection

G 1/4

Damping fluid

BH2, Glyzerin 99 %

Measuring range

0...6 bar (EN)