Pressure gauges

MIT3

Utility pressure gauge with damping fluid

Product highlights

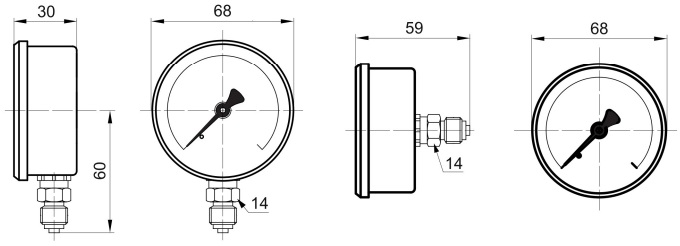
- For non-corrosive gasses and liquids
- Class 1.6 according to EN 837-1
- Case material: Stainless steel
- Wetted parts: Brass
- OEM applications
- Liquid-filled for applications with pulsations or vibrations

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

Wetted parts	
Bourdon tube	Copper alloy
Performance	
Accuracy according to EN 837-1	Class 1.6
Min. measuring range	0 ... 1 bar
Max. measuring range	0 ... 600 bar
Type of pressure	▪ Gauge ▪ Vacuum
Pressure limitation	▪ Steady: 75 % of full scale value ▪ Fluctuating: 60 % of full scale value ▪ Short time: 100 % of full scale value
Temperature coefficient at +20°C	± 0.4 % FS/10K
Weight	
Gauge	▪ 150 g unfilled ▪ 200 g filled

Technical drawings



Type D Type F Type B

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Pressure gauges

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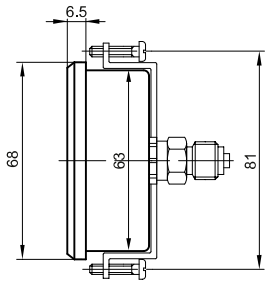
Technical drawings



Type G

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Pressure gauges

MIT3

Utility pressure gauge with damping fluid

Ordering reference

Order key

	MIT	3	-	x	2	x	.	Bxx
Product								
MIT Utility pressure gauge	**MIT**							
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
								Prefered 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

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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)

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