

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
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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

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

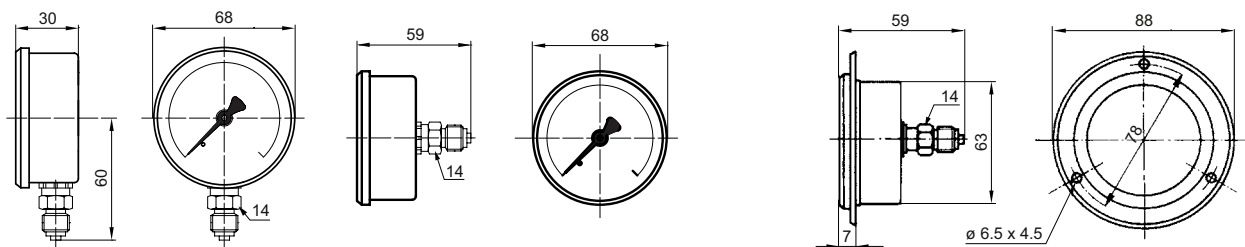
± 0.4 % FS/10K

Weight

Gauge

- 150 g unfilled
- 200 g filled

Technical drawings

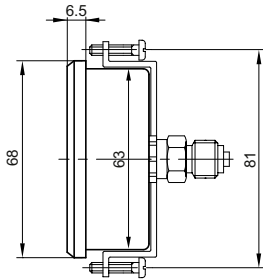


Type D

Type F

Type B

Technical drawings



Type G

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

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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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