

# 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

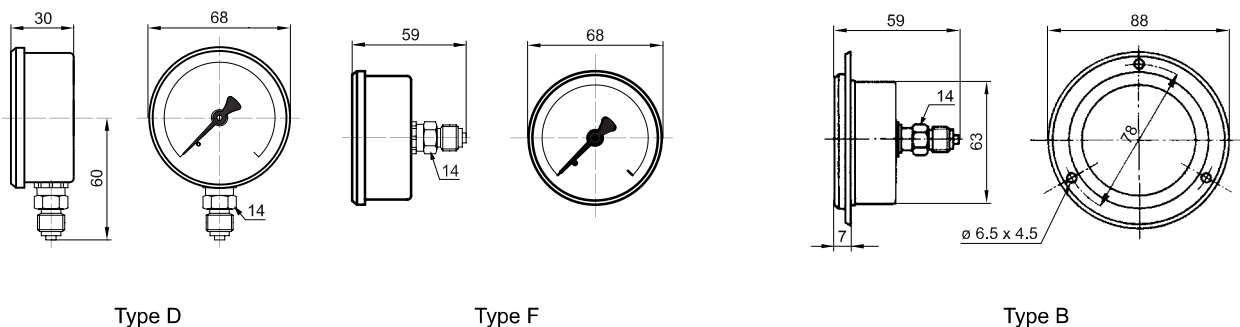
Accuracy according to EN 837-1	Class 1.6
Min. measuring range	0 ... 1 bar
Max. measuring range	0 ... 600 bar
Type of pressure	<ul style="list-style-type: none"> <li>■ Gauge</li> <li>■ Vacuum</li> </ul>
Pressure limitation	<ul style="list-style-type: none"> <li>■ Steady: 75 % of full scale value</li> <li>■ Fluctuating: 60 % of full scale value</li> <li>■ Short time: 100 % of full scale value</li> </ul>

Temperature coefficient at +20°C	± 0.4 % FS/10K
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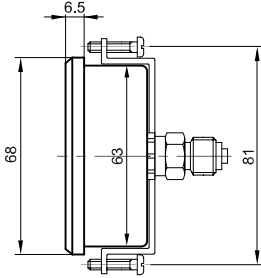
#### Weight

Gauge	<ul style="list-style-type: none"> <li>■ 150 g unfilled</li> <li>■ 200 g filled</li> </ul>
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### Technical drawings



## Technical drawings



Type G

## Ordering reference

### Order key

<b>Product</b>	MIT Utility pressure gauge	MIT	3	-	x	2	x	-	Bxx
<b>Dimension</b>	Nominal size 63 mm		3						
<b>Case</b>	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
<b>Process connection</b>	G 1/4								2
<b>Damping fluid</b>	Without damping fluid								0
	BH2, Glyzerin 99 %								2
<b>Measuring range</b>	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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