



### 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	100 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)	IP65
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 ... 250 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

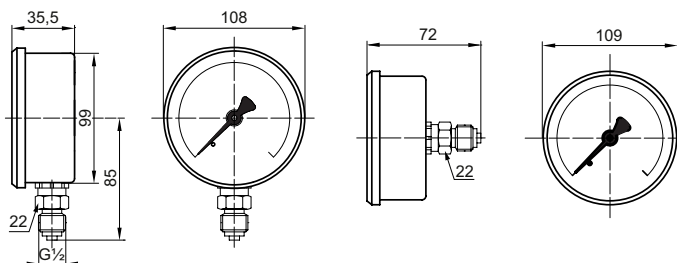
Temperature coefficient at +20°C

± 0.4 % FS/10K

#### Weight

Gauge	<ul style="list-style-type: none"> <li>■ 650 g unfilled</li> <li>■ 750 g filled</li> </ul>
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### Technical drawings



Type D

Type F

# MIT5

Utility pressure gauge with damping fluid

## Ordering reference

### Order key

	MIT	5	-	D	3	x	.	Bxx
<b>Product</b> MIT Utility pressure gauge	MIT							
<b>Dimension</b> Nominal size 100 mm		5						
<b>Case</b> Bottom connection				D				
Back connection				F				
<b>Process connection</b> G 1/2					3			
<b>Damping fluid</b> Without damping fluid								0
BH2, Glyzerin 99 %								2
<b>Measuring range</b> bar (EN)								Bxx

### 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

# MIT5

Utility pressure gauge with damping fluid

## Ordering reference

## Ordering example

MIT 5 - D 3 2 . B22

### Product

MIT Utility pressure gauge

### Dimension

Nominal size 100 mm

### Case

Bottom connection

### Process connection

G 1/2

### Damping fluid

BH2, Glyzerin 99 %

### Measuring range

0...10 bar (EN)