



## 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 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

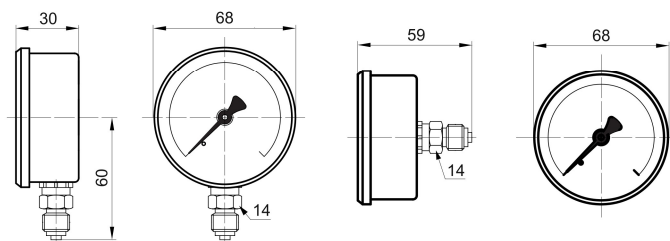
Temperature coefficient at +20°C

± 0.4 % FS/10K

### Weight

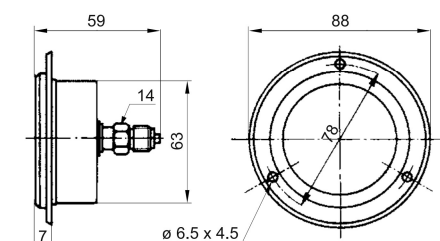
|       |                                                                                            |
|-------|--------------------------------------------------------------------------------------------|
| Gauge | <ul style="list-style-type: none"> <li>■ 150 g unfilled</li> <li>■ 200 g filled</li>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

## Technical drawings



Type D

Type F

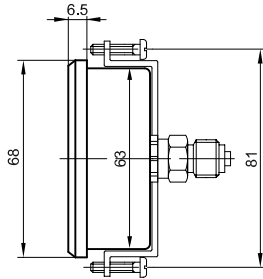


Type B

# 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 |
|------------------------------------------------------------------|-----|---|---|---|---|---|---|-----|
| <b>Product</b>                                                   | MIT |   |   |   |   |   |   |     |
| MIT Utility pressure gauge                                       |     |   |   |   |   |   |   |     |
| <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 |

# 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)