

Standard pressure gauges

Nominalsize NG 80 and NG 100
Accuracy class 1,6

to DIN EN 837-1

Features

Plastic case ABS

Copper alloy measuring system



Applications

Pneumatic control systems

Air-conditioning

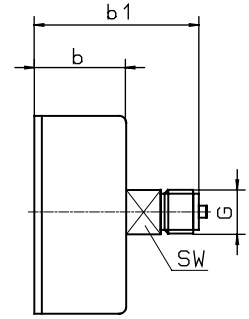
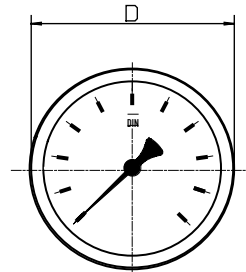
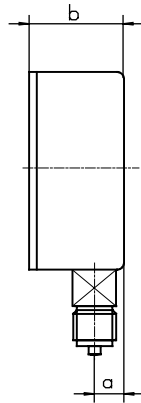
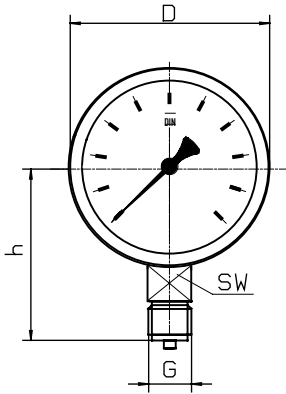
Sprinkler systems

| Model and NG | MR-10 80 | MR-14 80 | MR-10 100 | MR-14 100 |
|-------------------|--|--------------|-------------|--------------|
| Connection | bottom | back,centric | bottom | back,centric |
| Ranges in bar | 0...0,6, 1, 1,6, 2,5, 4, 6, 10, 16, 25, 40, 60, 100, 160, 250, 400 -1 / 0, -1 / +0,6, -1 / +1,5, -1 / +3, -1 / +5, -1 / +9, -1 / +15, | | | |
| Application | Constant load 3/4 x end of scale value Alternating load 2/3 x end of scale value Short-time : end of scale value | | | |
| Case | Plastic,black (ABS) | | Steel,black | |
| Window | Plexiglass clipped on | | | |
| Dial | Aluminium white, Skale black | | | |
| Pointer | Aluminium,black | | | |
| Movement | CuZn alloy | | | |
| Measuring element | Cu alloy | | | |
| Connection | CuZn alloy | | | |
| Connectionthread | G 1/2 B | G 1/4 B | G 1/2 B | G 1/4 B |
| Temperatures | Media : -20°C bis 60°C, Ambient : -40°C bis 60°C | | | |
| Weight | 0,18 kg | 0,19 kg | 0,3 kg | 0,3 kg |

Dimensions

Connection bottom

Connection back

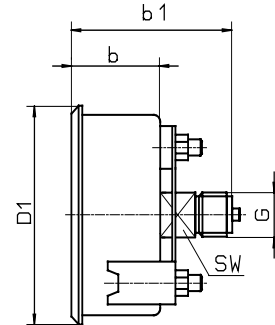
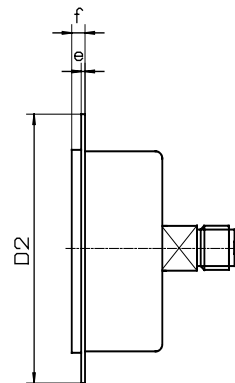
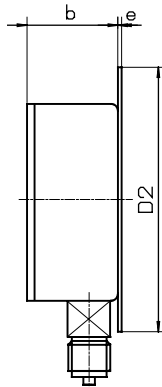
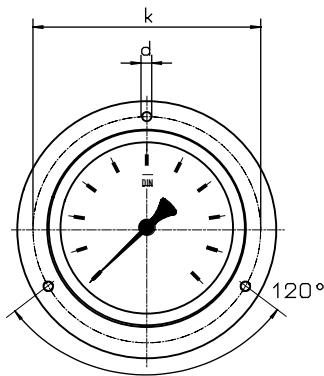


Front flange

Rear flange

Front flange

with triangle bezel and U-clamp



| Dimensions in mm | | | | | | | | | | | | | | |
|------------------|-----|-----|------|----|----|----|-----|-----|---|---|-----|---|----|---------|
| Model | NG | D | a | b | b1 | h | D1 | D2 | e | f | k | d | sw | G |
| MR-10 | 80 | 80 | 11,5 | 31 | - | 72 | 86 | - | - | - | - | - | 14 | G 1/2 B |
| MR-14 | 80 | 80 | - | 31 | 49 | - | 86 | - | - | - | - | - | 14 | G 1/4 B |
| MR-10 | 100 | 100 | 11,5 | 31 | - | 84 | 107 | 132 | 2 | 6 | 116 | 5 | 14 | G 1/2 B |
| MR-14 | 100 | 100 | - | 31 | 49 | - | 107 | 132 | 2 | 6 | 116 | 5 | 14 | G 1/4 B |

Model specification

Model
MR-1

Connection
0 or 4

Bottom = 0
Back centric = 4

Nominal size
80 or 100

ND 80 = 80
ND 100 = 100

Range
f.e. 10 bar

after rangespecification
for 10 bar = 010

Options

for example : front mounting flange