



Hydrometers HY 100

Part no. 63282

hydrometer for heating/plumbing

Technical Specifications

Nominal size

100

accuracy class (EN 837-1/6)

2.5

ranges

0/1 bar

application area

static load: $\frac{1}{4}$ x full scale value

dynamic load: $\frac{2}{3}$ x full scale value

short-term: Full scale value

standard version

Connection

Brass, bottom

NG 100

G $\frac{1}{2}$ B

Measuring element

Bourdon tube, "C" type tube

Copper alloy

Operating temperature range

Medium: max. 60 °C

Ambient: -20/+60 °C

Temperature performance

Indication error when the temperature of the measuring system deviates from the normal temperature of 20 °C:

at rising temperature approx. ± 0.4 %/10 K

falling temperature approx. ± 0.4 %/10 K

of full scale value

Degree of protection

IP 32 (EN 60529)

movement

Brass

Dial

Plastic, white

dual scale bar outer - mWC inner

Scaling: black

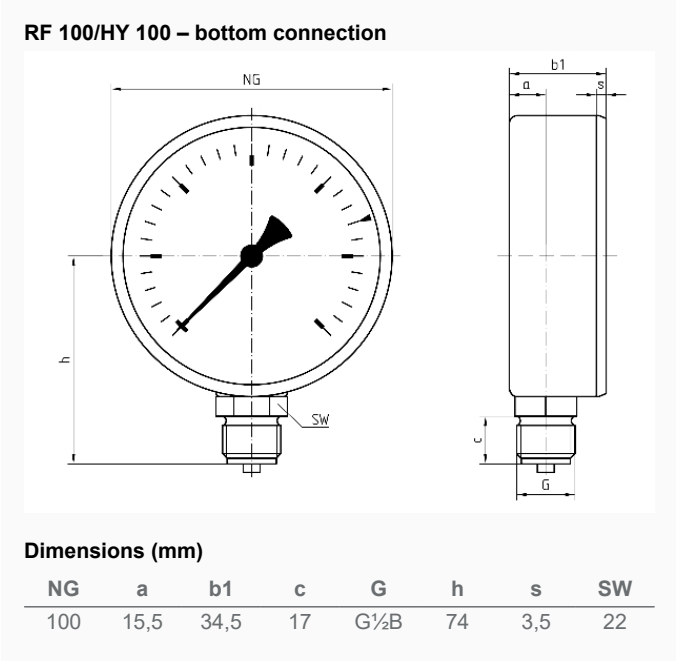
Pointer

Plastic, black

Housing
Plastic (ABS), black, highly impact-resistant and corrosion-resistant

window
Plastic, clipped in
with adjustable red reference pointer

Technical Drawings



Versions

	housing ø	Conne- ction	Conne- ction	Thread	alignment	Range	Type	Part no.
HY 100	100 mm	G½B			bottom	0/1 bar	HY 100	63282

- in-stock items
- Non-stock items