

hydrometer for heating/plumbing



Technical Specifications

Nominal size

80

accuracy class (EN 837-1/6)

2.5

application area

static load: $\frac{3}{4}$ x full scale value
dynamic load: $\frac{2}{3}$ x full scale value
short-term: Full scale value

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. $\pm 0.4 \text{ } \%/10 \text{ K}$
falling temperature approx. $\pm 0.4 \text{ } \%/10 \text{ K}$
of full scale value

Degree of protection

IP 32 (EN 60529)

Connection

Brass, bottom
NG 80
G $\frac{1}{2}$ B

Measuring element

Bourdon tube, "C" type tube
Copper alloy

movement

Brass

Dial

Plastic, white
dual scale bar outer - mWC inner
Scaling: black

Pointer

Plastic, black

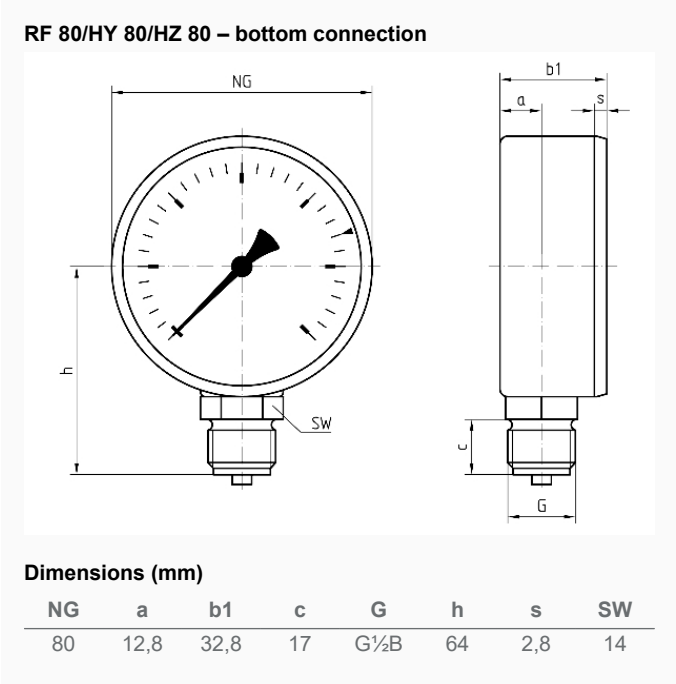
Housing

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 80	80 mm	G½B			bottom	0/1 bar	HY 80	●	63570
HY 80	80 mm	G½B			bottom	0/1.6 bar	HY 80	●	63571
HY 80	80 mm	G½B			bottom	0/6 bar	HY 80	●	63574
HY 80	80 mm	G½B			bottom	0/10 bar	HY 80	●	63575

- in-stock items
- Non-stock items