

hydrometer for heating/plumbing



Technical Specifications

Nominal size

100

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. ± 0.4 %/10 K
falling temperature approx. ± 0.4 %/10 K
of full scale value

Degree of protection

IP 32 (EN 60529)

Connection

Brass, bottom
NG 100
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

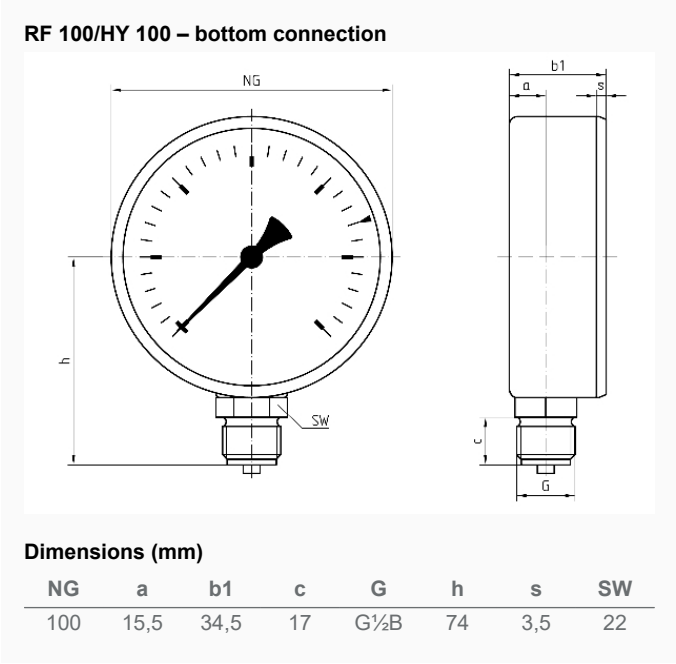
Housing

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

window

Plastic, clipped in
with adjustable red reference pointer

Technical Drawings



Versions

		housing ø	Connec- tion	Connec- tion	Thread	alignment	Range	Type		Part no.
	HY 100	100 mm	G½B			bottom	0/0.6 bar	HY 100		63281
	HY 100	100 mm	G½B			bottom	0/1 bar	HY 100		63282
	HY 100	100 mm	G½B			bottom	0/1.6 bar	HY 100		63283
	HY 100	100 mm	G½B			bottom	0/2.5 bar	HY 100		63284
	HY 100	100 mm	G½B			bottom	0/4 bar	HY 100		63285
	HY 100	100 mm	G½B			bottom	0/6 bar	HY 100		63286
	HY 100	100 mm	G½B			bottom	0/10 bar	HY 100		63287

-  in-stock items
-  Non-stock items