



## Hydrometers HY 100

Part no. 63281

Hydrometers HY for heating/plumbing

### Technical Specifications

**Nominal size**

100

**accuracy class (EN 837-1/6)**

2.5

**ranges**

0/0.6 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

**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.  $\pm 0.4$  %/10 K

falling temperature approx.  $\pm 0.4$  %/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**

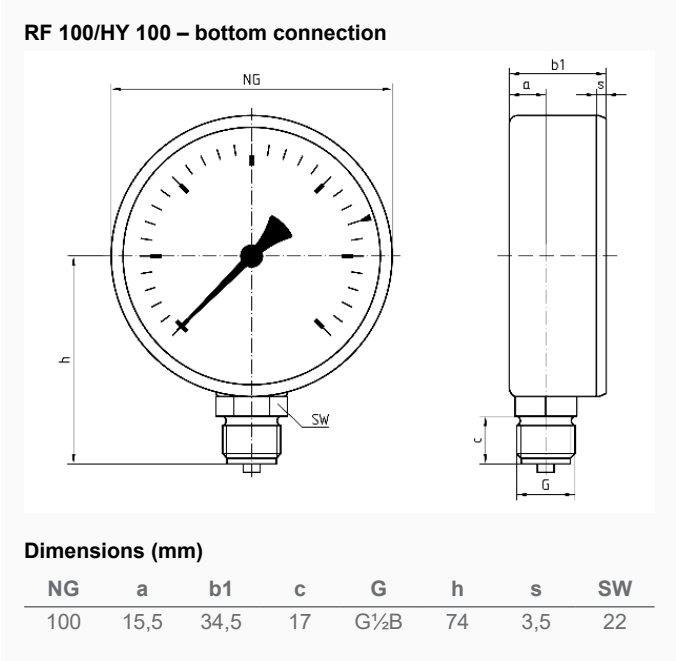
Plastic, black

**Housing**

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

**window**  
Plastic, clipped in  
with adjustable red reference pointer

Technical Drawings



Versions

|        | housing ø | Conne-<br>ction | Conne-<br>ction | Thread | alignment | Range     | Type   | Part no.          |
|--------|-----------|-----------------|-----------------|--------|-----------|-----------|--------|-------------------|
| HY 100 | 100 mm    | G½B             |                 |        | bottom    | 0/0.6 bar | HY 100 | <div></div> 63281 |

- in-stock items
- Non-stock items