



Bourdon tube pressure gauges for heating/plumbing applications

benefits

- with self-sealing connection thread (NG 50 and 63) for fast mounting
- red maximum mark on dial
- adjustable red reference pointer and green operation segment on window
- corrosion-resistant housing

Application

For gaseous and liquid media which are not highly viscous, do not crystallise and do not attack copper alloys and EPDM.
! For measuring gas or vapour, observe the table "Selection Criteria as per EN 837-2" (see appendix)!

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, centre back
NG 80
G $\frac{1}{4}$ B, Self-sealing with PTFE sealing ring

Measuring element

Bourdon tube, "C" type tube
Copper alloy

movement

Brass

Dial

Plastic, white
Scaling: black

Pointer

Plastic, black

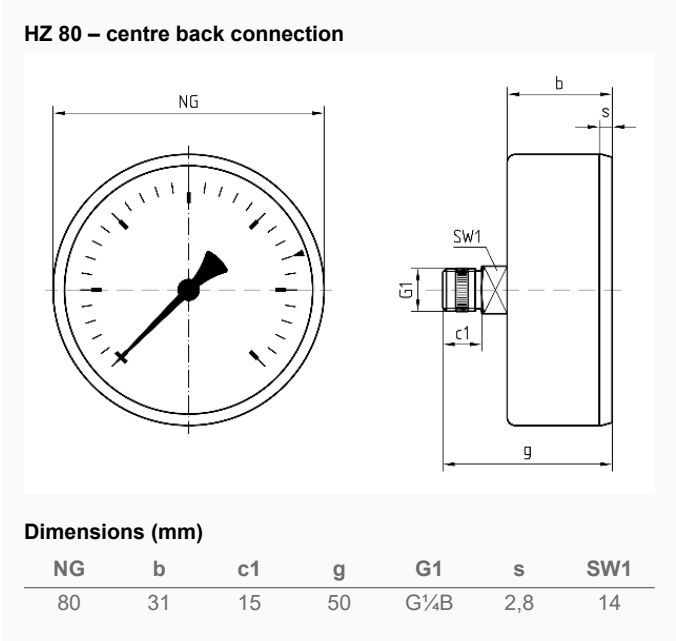
Housing

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

window

Plastic, clipped in
with adjustable red reference pointer and green flag

Technical Drawings



Versions

		housing ø	Conne- ction	Conne- ction	Thread	alignment	Range	Type		Part no.
	HZ 80	80 mm	G $\frac{1}{4}$ B	with valve G $\frac{1}{4}$ x G $\frac{1}{2}$	Self-sea- ling with PTFE sealing ring	centre back	0/4 bar	HZ 80 ax		63919

-  in-stock items
-  Non-stock items