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: ¾ x full scale value
dynamic load: ⅔ 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 80
G½B

Measuring element
Bourdon tube, "C" type tube
Copper alloy

movement
Brass

Dial
Plastic, white
Scaling: black

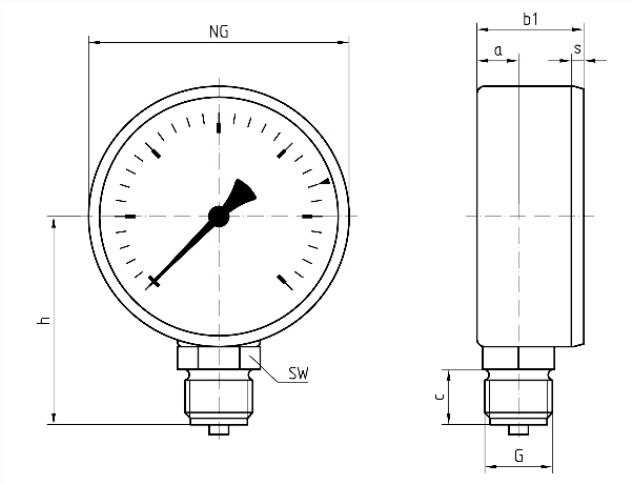
Pointer
Plastic, black

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

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

Technical Drawings

RF 80/HY 80/HZ 80 – bottom connection



Dimensions (mm)

NG	a	b1	c	G	h	s	SW
80	12,8	32,8	17	G½B	64	2,8	14

Versions

	housing ⌀	Connec-tion	Connec-tion	Thread	alignment	Range	Type		Part no.
HZ 80	80 mm	G½B			bottom	0/4 bar	HZ 80 rad	●	63918

● in-stock items

○ Non-stock items