



Bourdon tube pressure gauge RF80 rad

Part no. 63551

Bourdon tube pressure gauges for heating/plumbing applications

benefits

- with self-sealing connection thread (NG 50 and 63) for fast mounting
- 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

ranges

-1/+0 bar

application area

static load: $\frac{3}{4}$ x full scale value

dynamic load: $\frac{3}{4}$ 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)

standard version

Connection

Brass, bottom

NG 80

G $\frac{1}{2}$ B

Measuring element

Bourdon tube, "C" type tube

Copper alloy

movement
Brass

Dial
Plastic, white
Scaling: black

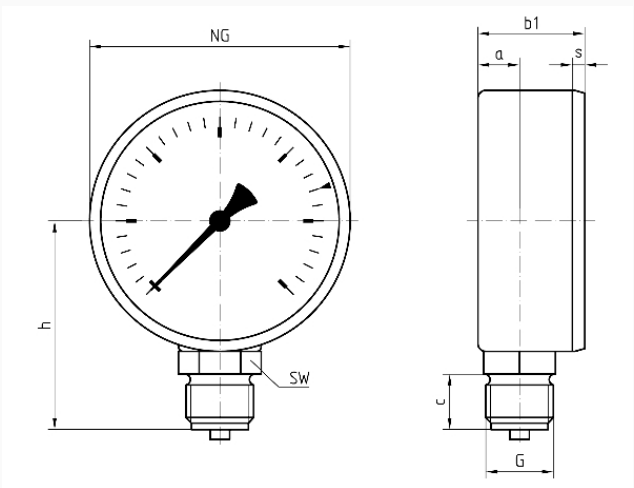
Pointer
Plastic, black

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

window
Plastic, clipped in
NG 80
with adjustable red reference pointer

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 ø	Conne- ction	Conne- ction	Thread	alignment	Range	Type	Part no.
RF80	80 mm	G½B			bottom	-1/+0 bar	RF80 rad	63551

- in-stock items
- Non-stock items