



Bourdon tube pressure gauge HZ 80 rad

Part no. 63913

Bourdon tube pressure gauge HZ for heating/plumbing

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

ranges

0/4 bar

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 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
 With red mark at 3 bar and green sector from 1.5 to 3 bar
 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 ø	Connec- tion	Connec- tion	Thread	alignment	Range	Type	Part no.
HZ 80	80 mm	G¼B	with valve G¼ x G½	Self-sea- ling with PTFE sealing ring	bottom	0/4 bar	HZ 80 rad	● 63913

- in-stock items
- Non-stock items