



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

63

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 K
falling temperature approx. $\pm 0.4 \text{ } \%$ /10 K
of full scale value

Degree of protection

IP 32 (EN 60529)

Connection

Brass, bottom
NG 63
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

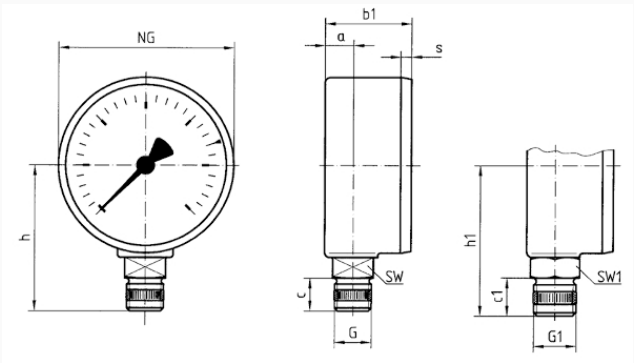
Plastic (ABS), black, highly impact-resistant and corrosion-resistant

window

Plastic, clipped in
NG 63

Technical Drawings

RF/HZ 63 – bottom connection



Dimensions (mm)

NG	a	b1	c	c1	G	G1	h	h1	s	SW	SW1
63	9,8	29,7	11,2	13	G1½B	G¾B	49,5	51,5	3,7	14	17

Versions

	housing ø	Connec- tion	Connec- tion	Thread	alignment	Range	Type		Part no.
RF63	63 mm	G¼B		Self-sea- ling with PTFE sealing ring	bottom	-1/+0 bar	RF63 rad	●	63501
RF63	63 mm	G¼B		Self-sea- ling with PTFE sealing ring	bottom	0/2.5 bar	RF63 rad	●	63511
RF63	63 mm	G¼B		Self-sea- ling with PTFE sealing ring	bottom	0/4 bar	RF63 rad	●	63512
RF63	63 mm	G¼B		Self-sea- ling with PTFE sealing ring	bottom	0/6 bar	RF63 rad	●	63513
RF63	63 mm	G¼B		Self-sea- ling with PTFE sealing ring	bottom	0/10 bar	RF63 rad	●	63514
RF63	63 mm	G¼B		Self-sea- ling with PTFE sealing ring	bottom	0/16 bar	RF63 rad	●	63515

● in-stock items

● Non-stock items