# Bourdon tube pressure gauge HZ 63 ax

## Part no. 63909

## 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**
63

**accuracy class (EN 837-1/6)**
2.5

**ranges**
0/4 bar

**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)

### standard version

**Connection**
Brass, centre back
NG 63
G⅜B, Self-sealing with PTFE sealing ring

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

**movement**
Brass

**Dial**
Plastic, white
With red mark at 2.5 bar and green sector from 1.5 to 2.5 bar
Scaling: black

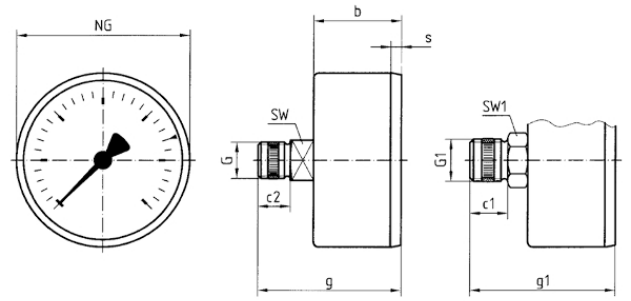
**Pointer**
Plastic, black

**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/HZ 63 – centre back connection**




**Dimensions (mm)**

| NG | b | c1 | c2 | g1 | g2 | G | G1 | s | SW | SW1 |
|---|---|---|---|---|---|---|---|---|---|---|
| 63 | 30,4 | 13 | 11,5 | 49,9 | 50,4 | G¼B | G⅜B | 3,7 | 14 | 17 |

## Versions

| | housing ⌀ | Connec-tion | Connec-tion | Thread | alignment | Range | Type | | Part no. |
|---|---|---|---|---|---|---|---|---|---|
| HZ 63 | 63 mm | G⅜B | | Self-sea-ling with PTFE sealing ring | centre back | 0/4 bar | HZ 63 ax | ● | 63909 |

● in-stock items

○ Non-stock items