



## Bourdon tube pressure gauge HZ 50 ax

**Part no. 63927**

**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

50

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

#### Degree of protection

IP 32 (EN 60529)

#### Connection

Brass, bottom back  
NG 50  
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

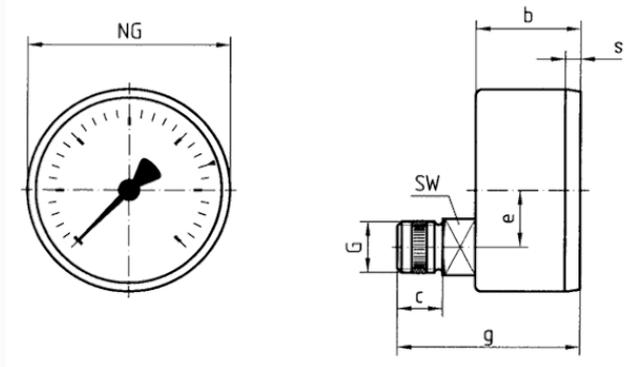
Plastic (ABS), black, highly impact-resistant and corrosion-resistant

**window**

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

**Technical Drawings**

**HZ 50 – bottom back connection**



**Dimensions (mm)**

NG	b	c	e	g	G	s	SW
50	25,8	11,2	14	43	G $\frac{1}{4}$ B	3,8	14

**Versions**

	housing $\varnothing$	Conne- tion	Conne- tion	Thread	alignment	Range	Type		Part no.
HZ 50	50 mm	G $\frac{1}{4}$ B		Self-sea- ling with PTFE sealing ring	bottom back	0/4 bar	HZ 50 ax	●	63927

- in-stock items
- Non-stock items