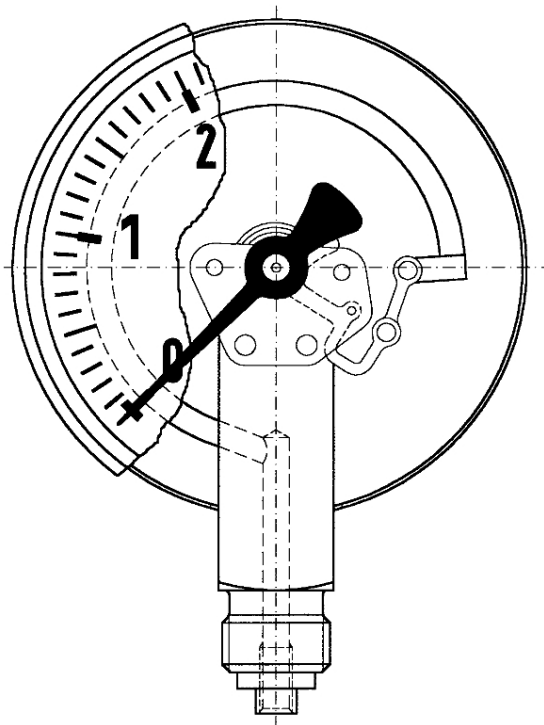




Bourdon tube pressure gauge RF100ISR

Part no. 85313171

Bourdon tube pressure gauges with screw bezel housing type D1

benefits

- for machine and plant engineering
- extremely robust plastic housing (PA 6.6 GB30)
- laminated safety glass window
- higher accuracy class optional

Application

For gaseous and liquid media which are not highly viscous, do not crystallise and do not attack copper alloys. For high measuring accuracy.
! For measuring gas or vapour, observe the table "Selection Criteria as per EN 837-2"

Technical Specifications

Type

D1

Nominal size

100

accuracy class (EN 837-1/6)

1.0

ranges (EN 837-1/5)

see ordering table

application area

≤ 600 bar: Full scale value
> 600 bar: $\frac{3}{4}$ x full scale value
≤ 600 bar: 0.9 x full scale value
> 600 bar: $\frac{2}{3}$ x full scale value
≤ 600 bar: 1.3 x full scale value
> 600 bar: 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 54 (EN 60529) with housing vent (≤ 25 bar)

Versions

Range	Mounting type	Type		Part number
0/4 bar	back flange	RF100ISR D171		85313171

-  in-stock items
-  Non-stock items