



Bourdon tube pressure gauges for industrial applications RF100I

Part no. 85322451

Bourdon tube pressure gauges for industrial applications type D4

benefits

- for machine and plant engineering
- robust, stainless steel housing with bayonet bezel
- can be equipped with electrical contact
- DNV-GL- and GOSSTANDART-certified

Application

For gaseous and liquid media which are not highly viscous, do not crystallise and do not attack copper alloys. For high accuracy and rough application conditions.

! For measuring gas or vapour, observe the table "Selection Criteria as per EN 837-2" (see appendix)!

Technical Specifications

Type

D4

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)

standard version

Versions

Range	Mounting type	Type	Part number
0/250 bar	Panel mounting bezel, with clamp fixing	RF100I D451	85322451

- in-stock items
- Non-stock items