

Gas filled thermometers FTh 100 Ch

Part no. 64401472

gas filled thermometer for chemical applications

benefits

- for chemical, process engineering and food industry applications
- high measuring accuracy
- fast response

Application

For corrosive media. Meets the most exacting measuring demands, e.g. in process engineering as well as chemical and food industry applications.

Technical Specifications

Type
D4

Nominal size
100

Measuring principle
Pressurised gas filling

accuracy class
1 (EN 13190)

standard version

Connection
Stem: Stainless steel 321, Ø 10 mm, plain

mounting position
bottom

ranges °C
0/500

Application area (EN 13190)
continuous load: Full scale value
short-term: 1.1 x full scale value

Operating pressure at thermowell
max. 10 bar (Up to 300 °C)

Degree of protection
IP 65 (EN 60529)

Dial
Aluminium, white
Scaling: black

Pointer

Aluminium, black

Zero correction

at the side

movement

Brass

Housing

Stainless steel 304

bayonet bezel

Stainless steel 304

window

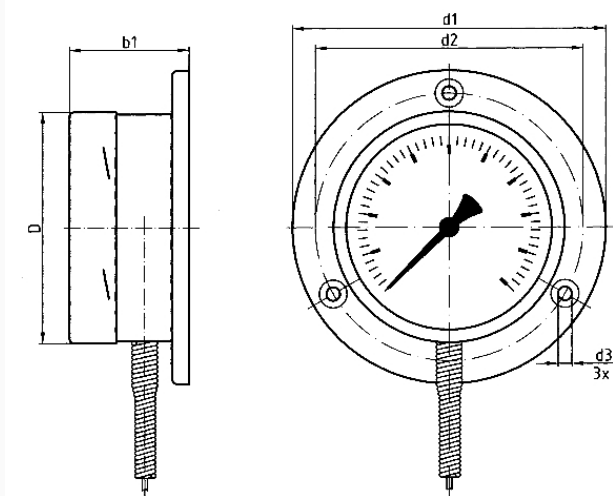
Instrument glass

Options

- Every angle version
- Grooved nut connection as per DIN 11851
- other connection designs
- other nominal sizes
- other ranges
- special scales
- Glycerine filling (type D8)
- back flange
- 3-hole fixing, panel mounting bezel
- Capillary (stainless steel 321)
- special materials
- Electrical contacts

Technical Drawings

Version with capillary and back flange



Dimensions (mm)

NG	b1	D	d1	d2	d3
100	51	101	132	116	5,5
160	51	161	196	178	6

Versions

Type	housing ø	Range	Type	Type	Part no.
FTh 100 Ch	100 mm	0/500 °C	FTh 100 Ch	D472	64401472



- in-stock items
- Non-stock items