

## 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)

#### 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)

#### Connection

Stem: Stainless steel 321, Ø 10 mm, plain

#### mounting position

bottom

#### 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**

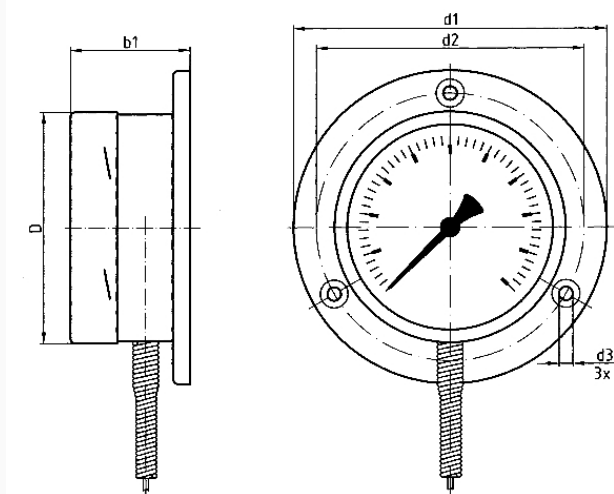
Instrument glass

**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