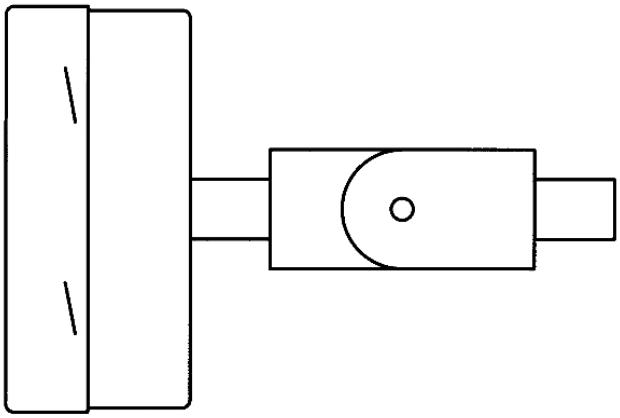


Gas filled thermometers FTh 160 Ch

Part no. 64363482

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
160

Measuring principle
Pressurised gas filling

accuracy class
1 (EN 13190)

ranges °C
0/60

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)

standard version

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

mounting position
every angle version

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

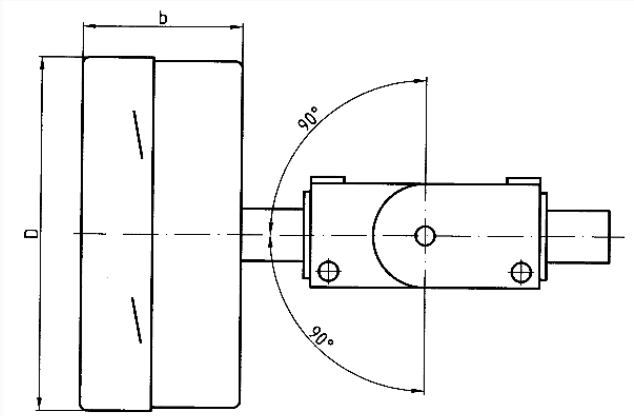
Options

- 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

Every angle version



Dimensions (mm)

NG	b	D
100	45	101
160	45	161

Versions

Type	housing ⌀	Range	Type	Type		Part no.
FTh 160 Ch	160 mm	0/60 °C	FTh 160 Ch	D482	●	64363482

● in-stock items

○ Non-stock items