

Combined thermometer/pressure gauge THMK With capillary tube



Benefits

- Ideal for boilers and hot water storage tanks
- Corrosion-resistant, highly impact-resistant plastic housing
- Many customised versions available

Application

Heating, cooling and plumbing, e.g. boilers, hot water storage tanks.

Technical specifications

Nominal size
52

Range

Pressure: 0/6 bar 0/4 bar
Temperature: 0/120 °C

Accuracy/test point

Pressure: 4,0
Temperature: 50 °C = ± 3 °C

Measuring principle

Pressure: Bourdon tube, Copper alloy
Temperature: Liquid filling

Application area

Pressure
Static load: $\frac{1}{4}$ x full scale value
Dynamic load: $\frac{1}{2}$ x full scale value
Short-term: Full scale value
Temperature: Full scale value

Operating temperature range

Medium: Full scale value
Ambient: Max. 70 °C

Operating pressure

Without pressure

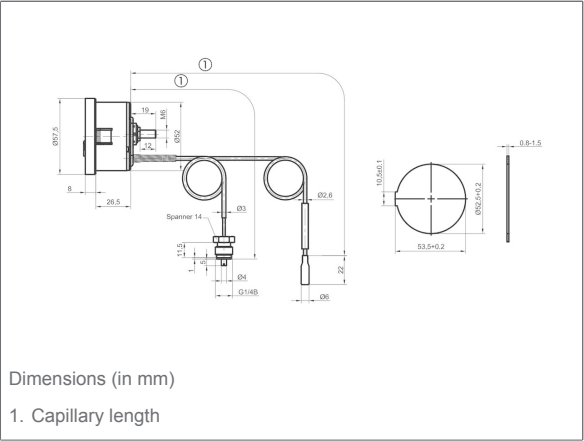
Degree of protection

IP 32 (EN 60529)

Technical drawing of a capillary probe assembly. The main view shows a side profile of the probe with dimensions: Ø57.5 for the main body diameter, 8 for the body length, 26.5 for the distance to the first bend, 19 for the distance to the second bend, M6 for the thread, Ø52 for the bend diameter, 12 for the distance to the probe tip, Ø3 for the probe tip diameter, 11.5 for the probe tip length, 1 for the probe tip diameter, 5 for the probe tip length, Ø4 for the probe tip diameter, G1/4B for the connection, 14 for the spanner size, 22 for the probe tip length, Ø6 for the probe tip diameter, and Ø2.6 for the probe tip diameter. A dimension line labeled '1' indicates the capillary length. The top view shows a circular cross-section with dimensions: 10.5±0.1 for the outer diameter, 53.5±0.2 for the inner diameter, and 0.8-1.5 for the probe tip length.


Technical drawings

Type THMK 52



Versions

THMK 52

	Housing \varnothing	Pointer	Dial	Scale	Range		Capillary length	Type	Part no.
					Temperature	Pressure			
	52 mm	White	Black	White	0/120 °C	0/6 bar	1,500 mm	THMK 52	67636125
	52 mm	White	Black	White	0/120 °C	0/4 bar	500 mm	THMK 52	67635105
	52 mm	White	Black	White	0/120 °C	0/4 bar	1,000 mm	THMK 52	67635115
	52 mm	White	Black	White	0/120 °C	0/4 bar	1,500 mm	THMK 52	67635125
	52 mm	White	Black	White	0/120 °C	0/4 bar	2,000 mm	THMK 52	67635135

Blue part no. = in-stock items