

Dial Thermometers - TE 100

• Bi-Metals are made of two different metal sheet layers and a spiral form is given ,as tl metals expansion rates differ from each other , due to these factors it spins upwards around its axis by heat.By a transmission wire this movement it is transmitted to the pointer.

• Used where no high accuracy is needed.

Industry Sector: Machinery Manufacturing, Heating, ventilation, air conditioning (HVAC) and vessel manufacturers

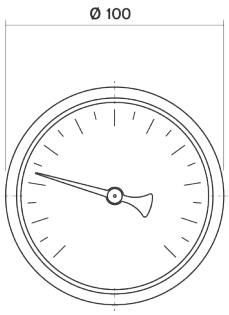
Usage Properties

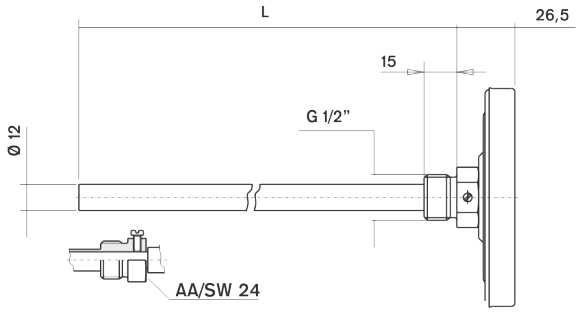
Conformity	· EN 13190
Accuracy Class	· CL 2.0
Protection Rate	· IP 51
Storage Temperature	· -40 ... +70 °C

Constructive Properties

Mounting Type	· Back Connection
Scale Unit	· °C
Scale Range (T)	· -30/+60°C · 0/+120°C · 0/+160°C · · · 0/+300°C · 0/+350°C · 0/+400°C · 0/+500°C
Case	· Stainless Steel AISI-430
Bezel	· Stainless Steel AISI-430
Window	· Glass
Connection	· G 1/2'' B
Dial	· Aluminum
Pointer	· ≤ 160 °C Plastic · ≥ 200 °C Aluminum
Temperature Element	· Bi-metal
Bi-Metal Stem	· Brass
Thermowell	· Stainless Steel AISI-316L
Immersion Length	· 100mm · 150mm · 200mm · 250mm · 300mm · 400mm · 500mm · 700mm · 1000mm

Technical Drawings - TE 100





L = 100	L = 150	L = 200	L = 250	L = 300	L = 400	L = 500	L = 700	L = 1000

100 402 /