

# TPS - BI-METAL THERMOMETERS

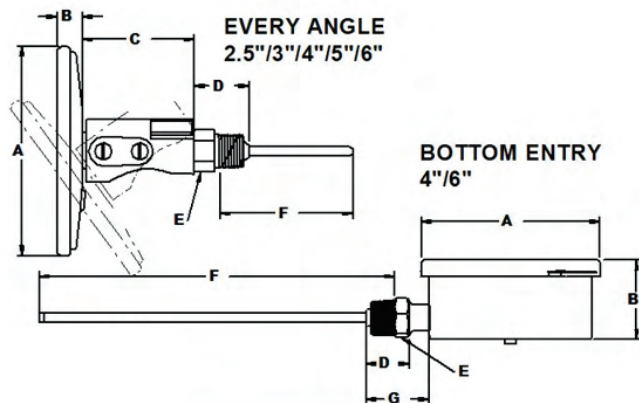


Unlike most dial indicating instruments, the Bi-Metal thermometer has no pinion and segment movement and the pointer is directly driven by the coiled bimetallic strip. This simple, yet rugged construction ensures long, trouble free service with enduring accuracy.

Bi-Metal thermometers are typically used in heating, ventilation and air conditioning (HVAC), chemical and petroleum plants, pulp and paper industries, food and beverage industries

### Features

Hermetically sealed. Sturdy all stainless steel construction. Crimped on bezel. No geared movement. The pointer is directly driven by the Bi-metallic coil. This sturdy assembly renders the few moving components virtually impervious to shock and the effects of vibration.



### Housing

**Case** grade 304 SS 4-6mm wall  
**Case Size** 63, 76, 100, 125 & 150mm  
**Bezel** crimped on bayonet

### Stem and Fitting

**Material** grade 316 SS  
**Lengths** from 63mm up to 600mm  
**Diameter** standard 6 / 8 / 9,5mm  
**Configurations** rear entry, bottom, back, every angle

### Internals

**Dial** aluminium, white back ground with printing  
**Dial Sizes** 63mm (2.5"), 76mm (3"), 100mm (4"), 125mm (5"), 150 mm (5")  
**Pointer** black anodised aluminium

### Thread Sizes

1/4", 3/8" and 1/2" (sliding union as an option)

### Environmental Protection

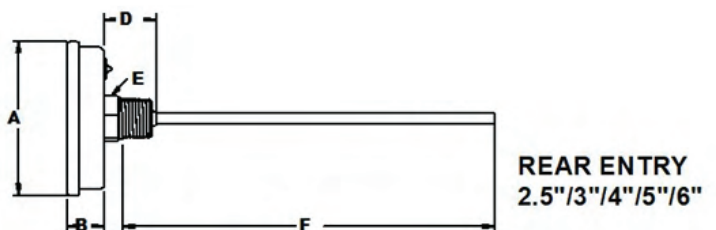
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### Temperature Ranges

Between -40°C and 500°C

### Accuracy

1% FSD



Dimension		A	B	C	D	E	F	G	
Nominal Sizes	63mm (2,5")	Metric Imperial	69,00 2,72	30,00 1,18	68,00 2,68	26,00 1,02	22,00 0,87	63 - 600mm	
	80mm (3")	Metric Imperial	80,00 3,15	18,00 0,71	68,00 2,68	26,00 1,02	22,00 0,87	63 - 600mm	
	100mm (4")	Metric Imperial	112,00 4,41	30,00 1,18	68,00 2,68	26,00 1,02	22,00 0,87	63 - 600mm	35,00 1,38
	125mm (5")	Metric Imperial	128,00 5,04	20,00 0,79	68,00 2,68	26,00 1,02	22,00 0,87	63 - 600mm	
	150mm (6")	Metric Imperial	156,00 6,14	30,00 1,18	68,00 2,68	26,00 1,02	22,00 0,87	63 - 600mm	35,00 1,38

Dimensions