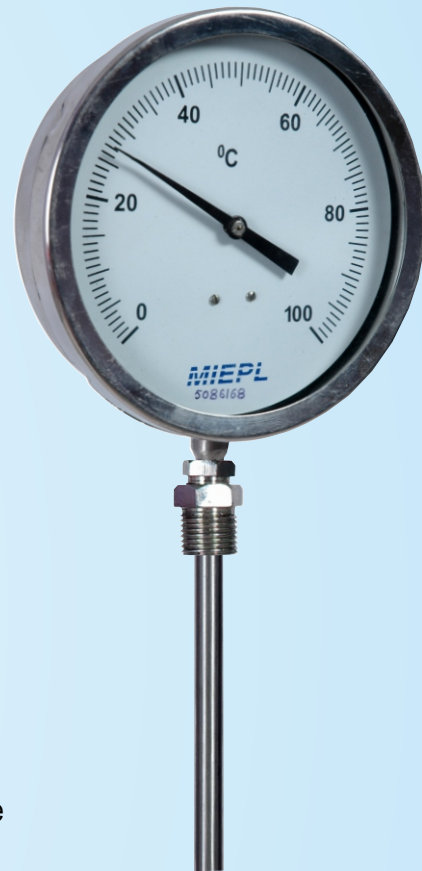
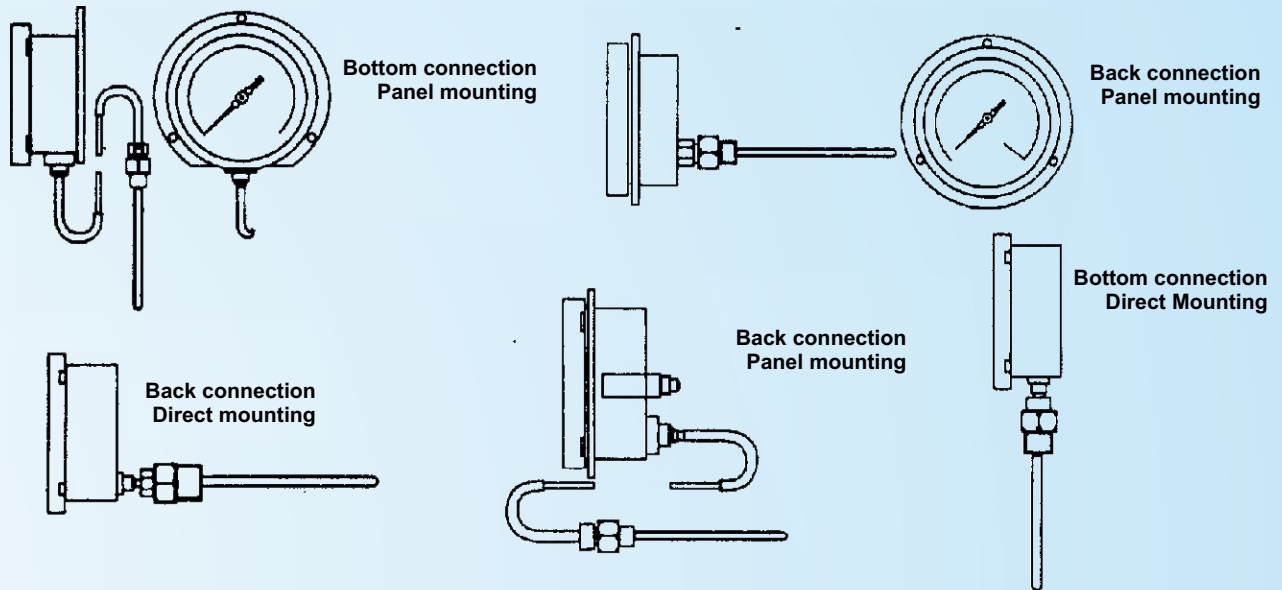


MIEPL make Mercury - in - steel thermometers operate on the basis of expansion of Mercury - in the bulb which in its turn produces a circular deflection in a volume sensitive Bourdon Tube. This deflection is transmitted to the pointer. In these thermometers a Mechanism linear scale is obtained which the system preferable to customers who require good reading of scale over the whole range.



STANDARD VERSION

ACCURACY	:	± 1.0% of full scale range
AMBIENT TEMPERATURE	:	-25°C to + 65°C
OPERATING PRESSURE	:	25 kg/cm ² (with out thermowell).
OVER TEMPERATURE LIMIT	:	25% of full scale range of 650°C whichever is minimum.
PROTECTION	:	IP 65 / IP 55
OPERATION PRINCIPLES	:	Mercury filled expansion system.
CASE & BEZEL	:	Stainless Steel 304, bayonet lock
MOVEMENT	:	Stainless Steel 304, 316
CAPILLARY	:	Stainless Steel 304, 316
PROCESS CONNECTION	:	Stainless Steel 316
BULB	:	Stainless Steel 316
STEAM	:	Stainless Steel 316
SENSING ELEMENT	:	Stainless Steel 316, bourdon
WINDOW	:	Glass, 4 mm thick.
DIAL	:	Aluminium, black markings on white background.
POINTER	:	Aluminium, black coloured micro adjustable pointer.
GASKET	:	EPDM.
CASE COMPENSATION	:	Bimetallic compensator.
JOINTS	:	Argon arc. welding



OTHER MOUNTINGS AVAILABLE ON REQUEST

PRODUCT SELECTION

DIAL	: 100 MM & 150 MM
RANGE	: Positive °C-0-50, 80, 100, 120, 150, 200, 300, 400, 600 & 650. Compound °C- -38-50, -20-60, -20-80, -20-180
UNITS	: Degree Centigrade (°C), Degree Ferenite (°F)
CONNECTION	: 1/2", 3/4", - BSP/NPT-(M) 3/8"-BSP/NPT- for<8 MM bulb dia
CONNECTION TYPE	: Fix & Adjustable
ENTRY	: Bottom & Back
MOUNTING	: Direct, Surface, Panel
BULB & STEM DIA.	Bulb- 6 MM 8 MM 10 MM 12 MM 14 MM Stem- 6 MM 8 MM 10 MM 12 MM 14 MM
IMMERSION LENGTH	: As required, Standard 300mm
CAPILLARY LENGTH	: As required, Max - 20 mtrs, Standard 3 mtrs
CAPILLARY MATERIAL	: SS 304, SS 316, SS Armoring & PVC covering
OPTIONS	: Glycerine Filled Shatter Proof, Toughned, Plexi Glass Accuracy $\pm 0.5\%$ F. S., Electrical contact, Anti-Vibration Spring
ACCESSORY	: Thermowell

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