

# TEMPERATURE GAUGE & RECORDER (BI-METAL)



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Baumer



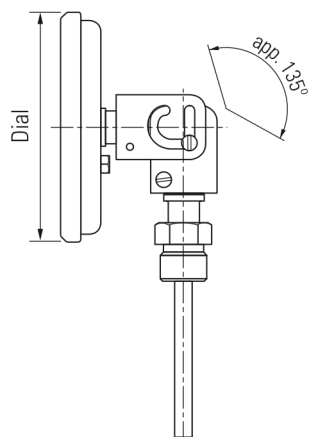
Every Angle Type

Bottom Entry Type

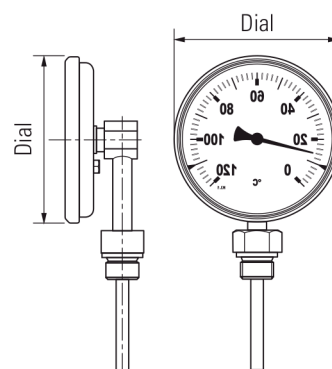
Back Entry Type



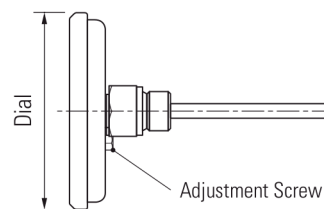
Temperature Recorder



Every Angle Type



Bottom Entry Type



Back Entry Type

## APPLICATION

Suitable for corrosive, food & beverage, pharmaceutical, cryogenics, pumps, diesel engines & refrigerating plants, chemical & petrochemical industries, conventional & nuclear power plants, environments & gaseous or liquid media that will not obstruct the pressure system, hydro-cleaning machines, presses, engine compressors, turbines.

## SPECIFICATION - TECHNICAL DATA

Dial Size (mm)	50	63	80	100	160	200
Stem Length (mm)	50 to 1200					
Measuring Ranges*	-30 ... 50°C to 0 ... 650°C					
Accuracy (according to EN 13190)	Class 1					
Wetted Parts Material	Stainless steel (304) / Stainless steel (316) / Stainless steel (316L)					
Measuring Element	Bi-metal strip coiled					
Case Material	Stainless Steel (304) / Stainless steel (316)					
Process Connection	G 1/4 / G 3/8 / G 1/2 / 1/8 NPT / 1/4 NPT / 3/8 NPT / 1/2 NPT					
Protection Rating	IP 65 - IP 67					
Approval	ATEX II2GDc					
Additional Information	With damping fluid / Zero adjustment					

\* Note : Other temperature units are available on request

## SPECIFICATION - TECHNICAL DATA (TEMPERATURE RECORDER)

Case	Cast aluminium, Corrosion resistant backed black enamel case / MS /SS
Dimension	14" x 17" x 5"
Weight	24 lbs approximately and plus element weight
Pens	Disposable recording fiber tip recording pen
Mounting	Flush or Face
Connection	Bottom standard
Chart	10" Circular
Accuracy	1% of span range
Chart Drive	Standard 8 days manual or electrical 110 or 220 V 50 cycles rotation 24 hours
Ink	Red or blue
Recording	Single pen or double pen
System	Mercury in steel for temperature recorder & Bottom system for pressure recorder
Threads	1/2" or 3/4" or 1" or other threads
Capillary	PVC / Copper / Other metal on request
Parts	All parts in list made as per international standard in stainless steel, brass and spring steel

\*Specification given are subject to changed without further notice.