

TEMPERATURE GAUGE (VARIOUS APPLICATION)



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Bi-metal
HVAC Application Type

Bi-metal
All Stainless Steel Type



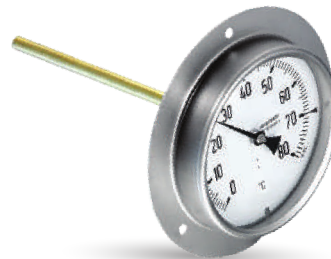
Bi-metal
Industrial Application Type



Bi-metal
Heavy Duty Type



Bi-metal
Clamp-on Type



Bi-metal
Airducts in Ventilation
System Type

SPECIFICATION - TECHNICAL DATA

Temperature Gauge Type	Bi-metal				
General Data	- HVAC applications - Conical immersion tube for good heat transfer - Zero adjustment - All stainless steel thermometer - For corrosive applications	- Heavy industry version - Oil filling available as option	- Clamp-on thermometer - For insulated pipes up to Ø 2" - Insulating material thickness 30 ... 110mm	- Industrial applications - Small size - All stainless steel design	- For airducts in ventilation systems - Rear flange for wall mounting - Zero adjustment
Industries	HVAC, Oil & gas / Chemical water / Waste water energy	Oil & gas / Chemical water / Waste water energy	HVAC	Laboratory & medical, Energy, Machinery	HVAC
Nominal Size	80 / 100 / 130 160	100 / 130	80 / 100	40 / 63	100
Measuring Ranges	-70 ... +600°C	-70 ... +600°C	-20 ... +160°C	-30 ... +500°C	-30 ... +80°C
Accuracy (according to EN 13190)	Class 1	Class 1	Class 1	Class 1 (≤ 250°C) Class 2 (> 250°C)	Class 1
Immersion Tube Material	Cu-alloy St. steel 1.4571 (316Ti)	St. steel 1.4571 (316Ti)	St. steel 1.4571 (316Ti)	St. steel 1.4571 (316Ti)	Cu-alloy
Immersion Tube Outlet	Bottom, Center back, Center back every angle	Center back every angle	Center back	Center back	Center back
Immersion Tube Diameter (mm)	Conical 6, 8	6, 8	-	4	8
Immersion Tube Length (mm)	60 ... 1000	60 ... 1000	-	60 ... 400	165
Capillary	-	-	-	-	-
Contacts	-	-	-	-	-
Case Material	St. steel 1.4301 (304)	St. steel 1.4301 (304)	St. steel 1.4301 (304)	St. steel 1.4301 (304)	St. steel 1.4301 (304)
Sensing Element	Bi-metal	Bi-metal	Bi-metal	Bi-metal	Bi-metal
Protection Rating	IP 67	IP 68	IP 50	IP 52	IP 50
Approval	ATEX Ex II 2 GDc	ATEX Ex II 2 GDc	-	-	-

*Specification given are subject to changed without further notice.