

BIMETAL THERMOMETERS

Rigid Back Stem Type (axial stem)

211 series

APPLICATIONS

Used for all types of industrial applications, particularly for installation in tanks and pipelines. Combination with or without thermowell offers many possibilities for temperature measurement in liquid and gases media.



SPECIFICATIONS

Dial diameter	Ø1½" ; Ø2" ; Ø2½" ; Ø3" ; Ø4" ; Ø5" ; Ø6"
Case	Stainless steel 304 case, IP65
Lens	Glass lens for dial Ø2½" ; Ø3" ; Ø4" ; Ø5" ; Ø6" Plastic lens for dial Ø1½" ; Ø2"
Dial	Aluminum, black and red markings on white background
Pointer	Aluminum, black
Measuring principle	Coiled bimetal
Connection	stainless steel 304 standard, stainless steel 316 available Standard — fixed male thread 1/4" PT(BSPT) / NPT for dial Ø1½" ; Ø2" ; Ø2½" ; Ø3" fixed male thread 1/2" PT(BSPT) / NPT for dial Ø4" ; Ø5" ; Ø6" Other size or connection with male nut, union nut, compression fitting (sliding on stem) or plain stem (w/o fitting) available made-to-order.
Stem	Stainless steel 304 standard, stainless steel 316 available Length 2" ~ 50" available made-to-order (minimum immersed length should be 2") Diameter Ø6.35mm (1/4") standard ; Ø4mm, Ø8mm, Ø9.5mm, Ø12mm available
Adjustment	Only available for dial Ø4"~Ø6", external adjustment screw at back of case
Accuracy	±1% F.S.
Ranges	From -50 / +50 °C to 0 / +600°C available <single scale °C or dual scale °C & °F>
Optional extras	Thermowell Electrical contacts (only available for Ø3" ; Ø4" ; Ø5" ; Ø6", and the case is thicker than the type without electrical contacts)

HOW TO ORDER

Example:

211	30	2P	6L	2
-----	----	----	----	---

 —

0/100°C

Dial Size		Connection		Stem Length		Stem Diameter		Range
15	Ø1½"	2P	1/4"PT	6L	6 inches	1	Ø4mm	
20	Ø2"	3P	3/8"PT	10L	10 inches	2	Ø6.35mm	
25	Ø2½"	4P	1/2"PT		made-to-order	3	Ø8mm	
30	Ø3"	00	others		(Not including thread length)	4	Ø9.5mm	
						5	Ø12mm	