

# BIMETAL-POINTER-THERMOMETER



Chemical version acc. to EN 13190

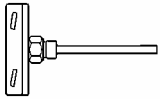


Bayonet case

IP 65

With or without filling



Suitable for chemical and petrochemical industry, food, pulp and paper industry and for machine and apparatus construction.

Type	B11	B12	B13	Options	
Diameter	63, 100, 160				
Symbol				with switch contact	
Connection	back	bottom	every angle (rotatable)		
Accuracy class	cl. 1 (without filling) / cl. 2 (with filling)				
Measuring ranges °C	0/50, 0/60, 0/80, 0/100, 0/120, 0/150, 0/160, 0/200, <b>0/250, 0/300, 0/400,</b> 1 <b>0/500,</b> 10/150, <b>50/300, 50/450, 100/500, -10/50, -10/110, -20/40, -20/60,</b> -20/160, -20/180, <b>-25/25, -30/50, -30/70, -30/170, -40/40,</b> -40/60, -40/100, -40/160, -50/50			in bold type = minimum stem length 100 mm	further on request dualscale
Applications	constant load: full scale, short time up to 1 h; 1.1 of full scale				
Case / ring	bayonet case, stainless steel, 1.4301 (304)			1.4571 on request	
Window	instrument glass			acrylic glass, safety glass	
Measuring element	Bimetal coil				
Plain stem	dia. 6, 8, 10 mm, material stainless steel 1.4571				
Stem length	63 up to 1000 mm, minimum length depends on measuring range			on request	
Extension tube	over 300°C meaningful				
Process connection	without thread G 1/2 A male, G 1/2 female, 1/2 NPT male or 1/2 NPT female G 3/4 A male, G 3/4 female, 3/4 NPT male or 3/4 NPT female G 1 A male, G 1 female, 1 NPT male or 1 NPT female fixed, adjustable or with swivel nut			other on request	
Filling	silicone, not for lower connection, max. range up to 300°C				
Protection	IP 65 according EN 60 529/IEC 529				
Working pressure	max. 25 bar on plain stem (above 25 bar use a thermowell)				
Additional Equipment				marker pointer	

Dimension in mm

Dia	A	B	C	D	E	F	G
100 mm	101	54	21	94...103	65...73	18,5	53
160 mm	162	53	28	101...110	95...101	17	60

Drawings [mm]

