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D 01 04

Bimetallic thermometers. Case in ABS

1. APPLICATION

Heating and refrigeration.With a thermowell in brass on demand

How to order:
D 01 04 + chosen options.

2. CONSTRUCTION / DESIGN		
2.1. Design	X	Capillary entry: Radial bottom or centre back
2.2. Mounting		Assembling by pressure or by means of the threaded connection of the thermowell
2.3. Protection		IP 56
3. MATERIALS AND DIMENSIONS		
3.1. Case		
3.1.1. Materials		ABS plastic
3.1.2. Dimensions	X	Ø 50mm. Ø63mm. and Ø 80mm
3.2. Bezel		
3.2.1. Materials		Without bezel
3.2.2. Seal		Acrilic window fits on the plastic case
3.3. Inner components		
3.3.1. Measurement principle		Bimetallic strip
3.3.2. Materials		Copper alloy
3.4. Process connection		
3.4.1. Mounting		Assembling by pressure
3.4.2. Thermowell in brass	X	Diameter 12mm. Standard threaded connection : 1/4" BSP, 3/8" BSP, 1/2" BSP
3.5. Stem		
3.5.1. Materials		Aluminium
3.5.2. Dimensions	X	Diameter 10 mm. Lengths: 50mm and 100mm
3.6. Window		Acrylic
3.7 Dial		Black engraved of the scale directly on the plastic case
3.8. Pointer		Black plastic
4. TEMPERATURE		
4.1. Range (°C)	X	-20+60, 0+60, 0+120
4.2. Scale		Single scale in °C
4.3. Class		Class2,5
4.4. Subdivision		5°C per division.
4.5. Use conditions		
4.5.1. Working temperature		Room: -40+65°C Maximum working temperature: 1,1 x measuring range
4.5.2. Pressure on the stem		Maximum 6 bar
5. OPTIONS		
5.1. Logotypes		Customized (minimum quantity required)
5.2. Other connection threads		BSP, BSPT, NPT or Metrics
5.3.Accesories		Thermowell according to DIN standards.(see data sheet C 03 01)

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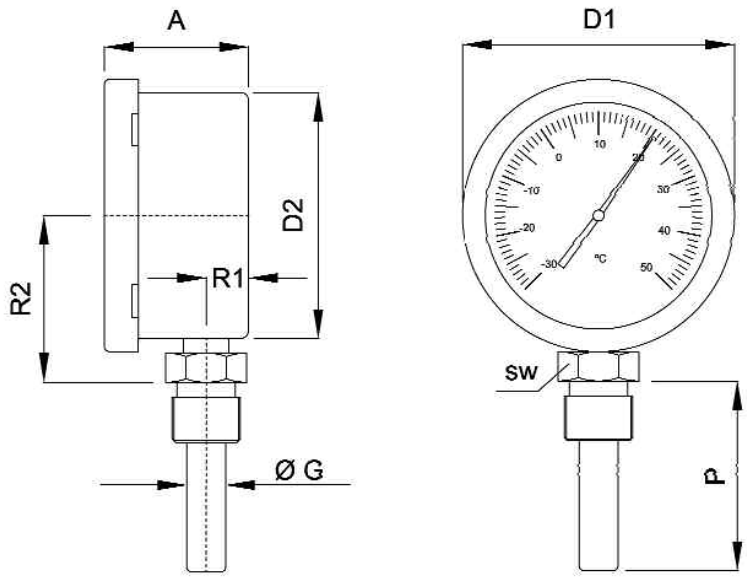

Fig. D 01 04 A (Radial)

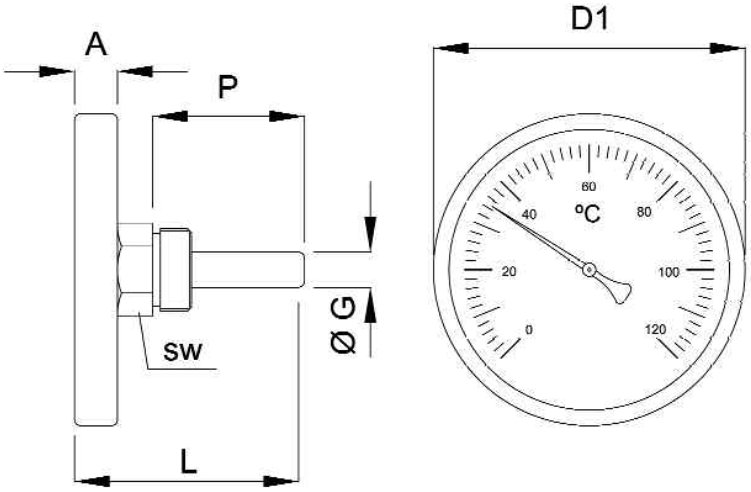

Fig. D 01 04 B (Back)

DIMENSIONS (mm) (tolerances ±1mm)								
DN	CONNECTION	A	Ø G	R1	R2	D1	D2	SW
50	Back	11	11			50		22
63	Back	11	11			63		22
80	Back	11	11			80		22
50	Radial	25	11	12	32	59	50	22
63	Radial	25	11	12	41	72	63	22
80	Radial	42	11	12	51	89	80	22