

# D 02

## Bimetallic dial thermometer in stainless steel with orientable stem



Dial thermometers with bimetallic strip, inner components in copper alloy. Manufactured according to EN 13190.

Orientable stem makes it a versatile instrument, useful for a wide variety of applications.

Reliable tools that withstand extreme working conditions: engine vibration, humidity and aggressive media such as seawater.



### STANDARD PARAMETERS

Design: EN 13190
Mounting: See attached diagram E
Closing: Bayonet
IP protection: IP54 (EN 60529)
Accuracy: Class 1.6
Usage limits:
Working temperature: -40+65°C
Fluid overtemperature: maximum 10% end of scale
Max. pressure on stem: 16 bar
Temperature range: -40+60; 0+120; 0+200; 0+300; 0+400 °C
Sensor element: Bimetallic strip
Stem length: 150; 200; 250 mm
Process connection: Sliding on the stem or Plain bulb
Threaded connection (G): ½"BSP, ¾"BSP or ½"NPT / Male or Female

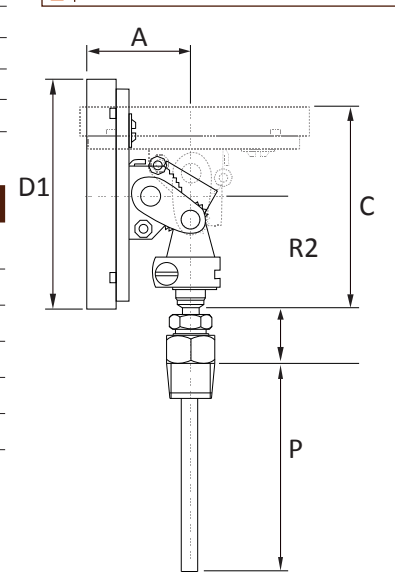
### MATERIALS

Case and ring: AISI 304 Stainless steel
Moving parts and bimetallic strip: Copper alloy
Threaded connection: AISI 316 Stainless steel
Display: Glass
Dial: White lacquered aluminum
Pointer: Black lacquered aluminum
Stem: AISI 316 stainless steel

### Application:

- Compressed air
- Compressors
- HVAC
- Hydraulics
- Pneumatics

### E Orientable



DIMENSIONS (mm)									WEIGHT (g)	Temperature scale according to DIN 16206			
DN	Mounting	R1	A	D1	Ø	R2	SW	D2		Scale printed on the dial (°C)	Working range (°C)	Subdivision °C/line	Maximum error
Ø100	E	12	47	84	10	54	22	75	425	-40+60	-30+40	1	1.5
Ø150	E	-	17	84	10	-	22	-	642	0+120 0+200	+20+100 +20+180	2	3
										0+300 0+400	+50+250 +50+350	5	8

### How to order

1. Case diameter		2. Temperature range (°C)					3. Mounting		4. Stem length (mm)				
Ø100	Ø150	-40+60	0+120	0+200	0+300	0+400	E	150	200	250			
5. Process connection		6. Threaded connection		7. Connection type		8. Connection material		9. Calibration certificate traceable to ENAC					
Sliding on stem	Plain bulb	½"BSP	¾"BSP	½"NPT	Male	Female	AISI 316 Stainless steel	3 points	4 points	5 points	6 points	7 points	Without certificate

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1	2	3	4	5	6	7	8	9

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