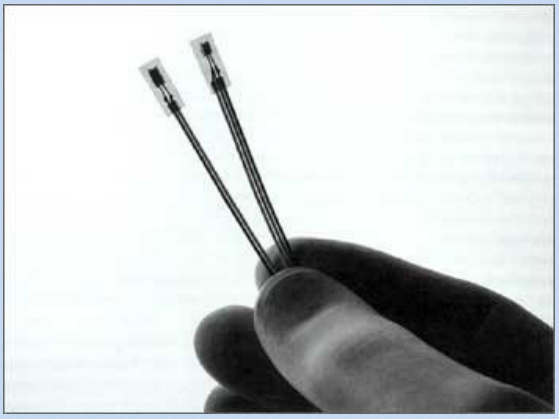
LOW-COST PLATINUM RTD CAPSULE

Model 29309



Specifications

RTD Platinum per IEC 751 α = 0.00385Ω/Ω/°C
Class A
A01: 100 Ω ± 0.06 Ω @ 0°C
A10: 1000 Ω ± 0.6 Ω @ 0°C

Class B
T01: 100 Ω ± 0.12 Ω @ 0°C
T10: 1000 Ω ± 1.2 Ω @ 0°C

Accuracy per IEC 751
Class A: ±(0.15°C+ 0.002 |t|)
Class B: ±(0.3°C + 0.005 |t|)

Temperature Range -50°C to 232°C (-60°F to 450°F), to 260°C (500°F) in dry applications.

Response Time 0.3 seconds in water flowing at 3 ft per second

Stability better than 0.05°C per 5 years

Self Heating typically less than 25 mW/C

Insulation Resistance 10 Megohms minimum at 50 VDC

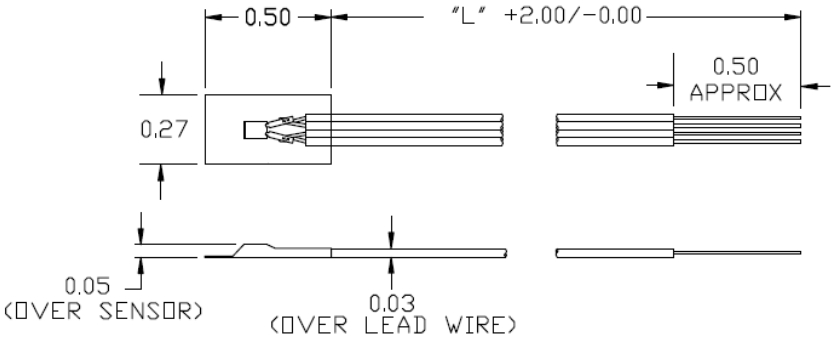
Operating Current 0.5 mA

Lead Wires 28 AWG stranded nickel plated copper with PFA Teflon® insulation

Case Material Kapton®

Features

- Small strong design allows this RTD to conform on curved surfaces for accurate response in milliseconds
- Full platinum RTD stability
- Moisture resistance for condensing environments or shallow immersion is provided by Kapton®/Teflon® lamination that completely encapsulates the assembly and lead entrance
- Strain isolated



Ordering Information & Options

29309	Sealed Metal Platinum RTD Capsule						
		RESISTANCE SPECIFICATION A01: 100 Ω ± 0.06 Ω @ 0°C A10: 1000 Ω ± 0.6 Ω @ 0°C T01: 100 Ω ± 0.12 Ω @ 0°C T10: 1000 Ω ± 1.2 Ω @ 0°C					
				NUMBER OF LEADS, COLOR CODE C: 4- wire, white/white/red/red			
						Lead Length in Inches	
29309	-	T01	-	C	-	12	

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