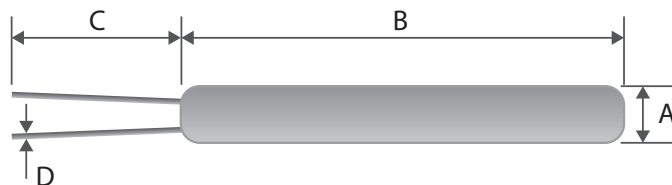


PR4530

Resistance Temperature Detector



Models

Part Reference	Platinum coils in ceramic	All tolerances available	Ceramic Diameter A (mm)	Ceramic Length B (mm)	Lead Length C (mm)	Lead Diameter D (mm)	Lead Resistance	Sensing Length (mm)
PR4530	1	Yes	4.5	30	6.0 (±1.0mm)	0.35	0.001039	26.0
PR4530D	2	Yes	4.5	30	6.0 (±1.0mm)	0.35	0.001039	26.0

Technical Specifications

Nominal Resistance:	100 Ohm @ 0 °C	Lead Material:	Platinum plated Palladium
Temperature range:	W0.1 -100°C to +350°C W0.15 -100°C to +450°C W0.3 -196°C to +660°C W0.6 -196°C to +660°C	Tolerance class:	W0.1 (1/3 Din) W0.15 (Class A) W0.3 (Class B) W0.6 (Class C)
Standard Calibration Point:	5mm from ceramic body	Measuring Current:	1 mA
Temperature coefficient (α value):	$0.003851^{\circ}\text{C}^{-1}$ where $\alpha = \frac{R_{100}-R_0}{R_0 100^{\circ}\text{C}}$		Tighter tolerances are available on request

Customization available for:	Nominal Resistance Lead length Temperature Coefficient (α value) Tolerances	Additional services:	Pre-aging Calibration
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