

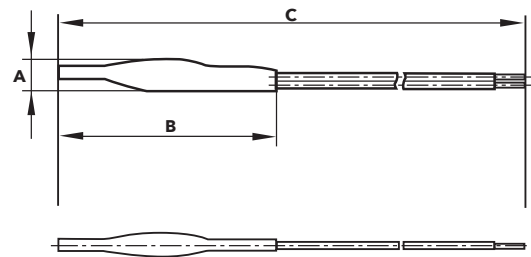
Key Features

- Completely Electrically Insulated
- Small Dimensions
- Accurately measures up to 240 °C
- For Use in Coil Windings



Sensor Specifications

Measuring Range	0 - 240°C
Temperature Sensor	1 passive measuring resistor
Rated resistance at 0°	100 Ω (50 Ω, 500 Ω, 1000 Ω available on request)
Sensor material	platinum (Pt) // Nickel (Ni)
Tolerance Class	AA // A // B according to EN 60751 (at clients request)
Mode of connection	3 wire (2 wire, 4 wire available upon request)
Dimensions	A - Ø3mm
	B - 20mm
	C - 2000mm (Other lengths available on request)



Cable Specifications

Sensor insulation cover	FEP
Cross section	Individual Cable 0.2mm ² (28 AWG)
Ends	bare // partly insulated // tinned // wire end sheathes
Length	2000mm // 3000mm (other lengths available on request)
Colour code	according to EN 60751 // (other colours available on request)
Insulation resistance	1000 V ≥ 200 MΩ
Dielectric strength	4KV/AC 50Hz/1min

Sensor Cover Specializations

Cover Insulation resistance	DIN 53482 > 10 ¹⁶ Ohm
Cover Dielectric strength	IEC 60243-2 > 40 kV/mm

Applications

- Electric Motors
- Transformers
- Surface Temperature of Machinery

