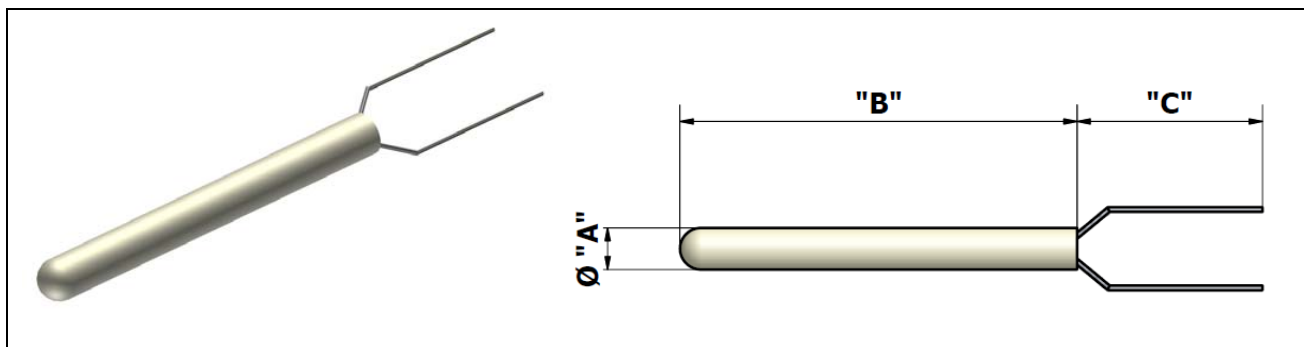


Data sheet SENSING ELEMENT

ENGLISH

RS Stock No. 293-8452



WOUND PT100Ω THERMIC ELEMENT

RANGE :

- -200°C / +600°C

USE :

- Extreme measurement in industry and laboratories

KEY POINT :

- Primary sensitive element

SPECIFICATIONS :

- Double PT100Ω thermic element – A Class
- Wound resistor wire freely inserted into a cylindrical ceramic support
- Wires in palladium coated platinum

DIMENSIONS:

- Probe length "25" = 8mm ±1
- Probe diameter "A" = 1.59m ±0.05
- Legs length "C" = 7.5mm
- Legs diameter = 0.24mm

METROLOGICAL DATA :

- As per IEC 751
- Standard tolerance PT100 A class: ±0.10 + 0.002.[t°C]
- Timing =
Water (v=1m/s): T0.5=0.20s
Air (v=1m/s): T0.5=6s

Other Dimensions :

Precision	CLA	1/3DIN	1/5DIN	1/10DIN
Dimensions "A"&"B"				
1,4x15mm	293-8503 {2xPT100}	-	-	-
1,6x8mm	293-8452	293-8468	293-8474	293-8480
2,8x15mm	293-8496	-	-	-