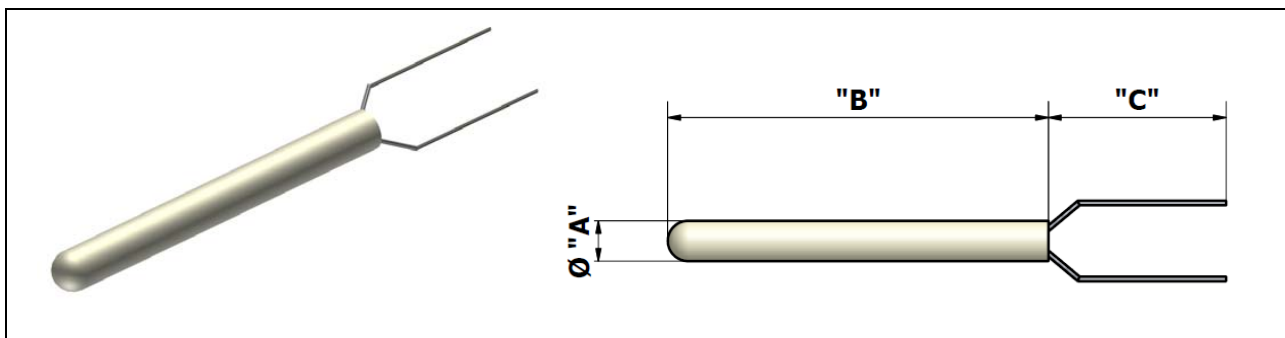


# Data sheet SENSING ELEMENT

RS Stock No. 293-8496



**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" = 15mm ±1
- Probe diameter "A" = 2.8mm ±0.05
- Legs length "C" = 6.5mm
- Length diameter = 0.4

**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=7s

**Other Dimensions :**

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