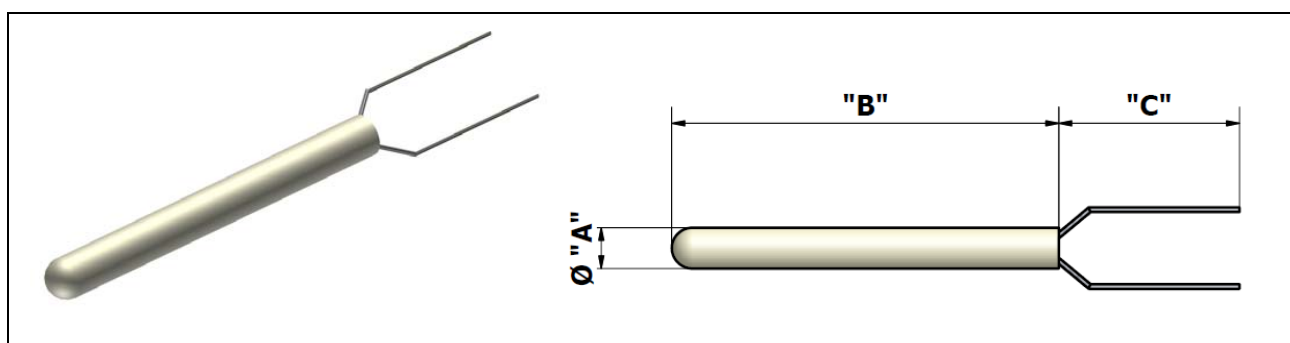




# Data sheet SENSING ELEMENT

ENGLISH

RS Stock No. 293-8503



WOUND PT100Ω THERMIC ELEMENT

**RANGE :**

- 20°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 "B" = 15mm ±1
- Probe diameter "A" = 1.4mm ±0.05
- Legs length "C" = 7.5mm
- Legs diameter = 0.24

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