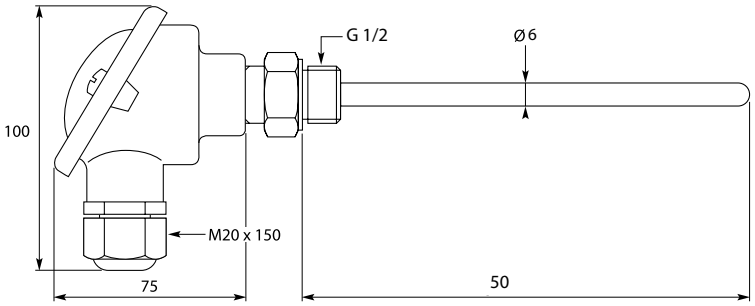
Datasheet

# Pt100 Probe

## BOSI501-6






**Part Number :** BOSI501-6

**Product description :** Screw-in probe Pt100 class A - G 1/2 - Ø6mm x 50mm - head form B

**Product detail :** Screw-in probe pt100 class A, 3-wire, epoxy-painted aluminium connection head, thread G 1/2 male, 6 mm diameter stainless steel probe, 50 mm length

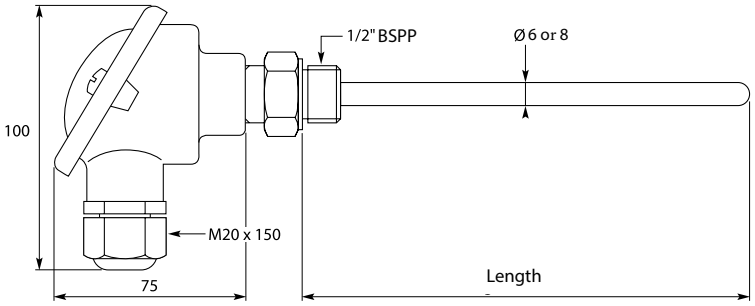
## SPECIFICATIONS

| Attribute | Value |
|---|---|
| Sensor Type : | PT100 |
| Probe Length : | 50mm |
| Probe Diameter : | 6mm |
| Minimum Temperature Sensed : | -50°C |
| Maximum Temperature Sensed : | +450°C |
| Termination Type : | Connection Head |
| Probe Material : | Stainless Steel 316L |
| Process Connection : | G 1/2 |
| Cable Entry Size : | M20 |
| Number Of Wires : | 3 |
| Accuracy : | Class A |

# Pt100 Probe

## *Screw-in*






**OPTIONS**

- PTFE-coated protective sheath (max. temperature 200 °C)
- Quick locking head or PVC head
- Analog output by converter
- Other lengths, other diameters or other connections on request

| | |
|---|---|
| Protective sheath : | stainless steel 316 L - Ø 8 x 1 mm or Ø 6 x 1 mm |
| Probe : | Pt100 ceramic DIN IEC 60751 class A, single or double winding in 3-wire circuit (2 or 4 wires on request) |
| Fitting : | 1/2" BSPP male in stainless steel 316 L |
| Connection Head : | Type B in epoxy coated aluminium alloy, cable outlet by polyamide cable gland (M20 x 150), clamping Ø from 5 to 12 mm |
| Operating temperature : | -50 à +450°C |









| Réf. BOSI | "Lu" | | "Ød" | |
|---|---|---|---|---|
| | | | | |
| 50 mm | 50 | 1 x Pt 100 | 1 | Ø 6 mm | -6 |
| 100 mm | 100 | 2 x Pt 100 | 2 | Ø 8 mm | -8 |
| 150 mm | 150 | | | | |
| 200 mm | 200 | | | | |
| 250 mm | 250 | | | | |
| 300 mm | 300 | | | | |
| 350 mm | 350 | | | | |
| 400 mm | 400 | | | | |
| 500 mm | 500 | | | | |
| 600 mm | 600 | | | | |
| 750 mm | 750 | | | | |
| 1000 mm | 1000 | | | | |