



Temperature probes type FLTSN-P500

Temperature probe with a positive temperature coefficient

Application

- These passive temperature sensors use a platinum sensor element for an outstanding stability of the temperature characteristics
- They have a positive temperature coefficient of resistance: when the temperature rises, the resistance rises
- The sensor element is with resin encapsulated in a stainless steel tube

Specifications

- Stainless steel tube
- Potted in resin
- Temp. coeff (0 °C...+ 100 °C): + 3850 ppm/K
- Tolerance classes: F0.3
- Operating temperature range: -20...+60 °C
- Min/max temperature exposure for sensor element: -55...+150 °C
- Long term stability: < ± 0.04 %
- Insulation resistance: > 10 MΩ
- Cable length = 4M