

Pt1000TR160/0 temperature probe for COMETEO Solar Shields F8x00, cable 25 cm

code: SN250V



Precise IP67 watertight probe -30 to +80°C for use in COMETEO solar radiation shields F8100 and F8200.
Probe is designed for connection to any transducer with required output 4-20mA, 0-10V, RS232, RS485 or Ethernet - models T4111, T4211, T4311 or T4511 respectively.
Low-cost transducers P4121 (4-20mA) and P4211 (0-10V) are also available.
Transducer itself is then located inside of the top cover of the COMETEO solar shield.
Tolerance $t = \pm(0.30 + 0.005 \cdot |t|)$ - class B in accordance with IEC751.
Polyamide enclosure with shielded PVC cable of 25cm length. Enclosure diameter 6mm, length 20mm. Without connector.

Technical data

| | |
|-------------------------|----------------------------------------------------------------------------------------------------|
| TEMPERATURE SENSOR | |
| Measuring range | -30 to +80 °C |
| Accuracy | $\pm (0.3 + 0.005 t)$ at °C |
| Accuracy class | A |
| Time response | $t_{0.5} < 12$ s (in flowing water at > 0.2 m/s) $t_{50} < 12$ s, $t_{90} < 32$ s (in liquid) |
| Type of sensing element | Pt1000 |
| Temperature coefficient | 3850 ppm / °C |
| GENERAL TECHNICAL DATA | |
| Wire connection | 2-wire connection |
| Material of the case | POLYAMIDE-based plastic |
| Dimensions of the case | length 20 mm; diameter 5.7 ± 0.1 mm |
| Lead-in cable | PVC shielded |
| Length of lead-in cable | 25 cm |
| Connector | without connector |
| IP protection | IP67 |
| Warranty | 30 months |