

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 F8800 and F8900.

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