

Temmeter PRO

Tenmeter PRO is a ready-to-install PT100 thermal sensor with a stainless steel mounting system. It is equipped with an aluminium bracket and a spring of adjustable lenght. That allows the probe to stay attached to each photovoltaic panel with the correct pressure. No need for adhesives and ease of installation.

Name	TEMMETER PRO	
Product	Temperature probe	
Reference standard	IEC 6075 (class B)	
Output	(Analogical) Variation of impedance (PT100 $\Delta \pm 0.6^{\circ}\text{C}$)	
Type of sensor	PT100	
Temperature range	-50 /+200 °C	
Precision	$\pm 0.6^{\circ}\text{C}$	
Response rate ΔT	<10 seconds when $\Delta T \geq 2^{\circ}\text{C}$	
Wire	2m sheathed with stainless steel and plastic casing with high thermal resistance	
Connector	M8 a 3 poles IP67	
PT100 dimensions	Diameter: 6 mm - Length: 18 mm	
Plastic cap	With pressure dissipation functions against the PV module backsheet	
Material	Stainless steel AISI 316	
	In the new version make sure to insert the cap correctly: <ul style="list-style-type: none"> • insert the cap on the sensor head • apply a rotation to the cap until will be coplanar with the sensor head 	
Connector  <p>pin 1: RTD wire 1a pin 3: RTD wire 2a</p>		loose pins (white – red)  <p>White pin 1: RTD wire 1a White pin 2: RTD wire 1b Red pin 3: RTD wire 2a</p>