
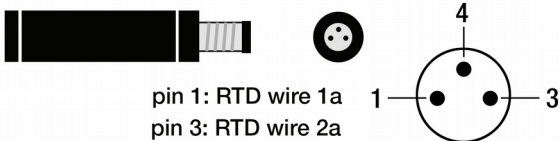
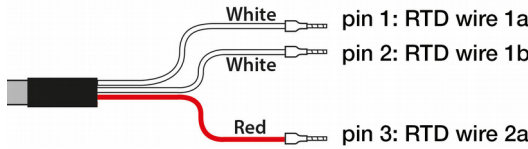


Name	TEMMETER	
Product	Temperature Sensor	
Standard References	IEC 60751 (class A) DIN43760 (KL. A)	
Output	(Analog) Impedence Variation (PT100 $\Delta \pm 0.3^{\circ}\text{C}$)	
Sensor casing	White plastic anti-shock, with neutral thermal behavior to direct irradiation	
Type of sensor	Platinum Thermal Resistor PT100 class A placed to ensure high heat transmittance	
Working Temperature	-40 ÷ +120 °C	
Precision	$\pm 0,25^{\circ}\text{C}$	
Accuracy	$\pm 0,3$	
Response rate ΔT	< 5 seconds. x $\Delta T \geq 2^{\circ}\text{C}$	
Adhesive material	thickness 0,4mm, suitable for gluing to tedlar and plastic materials with plane surface with medium-low surface tension	
Cable	1,25m with 2 poles, shielded, with external insulation. Resistant to high temperature and UV.	
PT100 dimensions	Diameter: 25 mm – Average thickness: 4,5 mm	
Connector**	M8 a 2 poles IP67/ 3 Loose pins (white – red)	
<p>M8 a 2 poles IP67</p>  <p>pin 1: RTD wire 1a pin 3: RTD wire 2a</p>		<p>3 loose pins (white – red)</p>  <p>White pin 1: RTD wire 1a White pin 2: RTD wire 1b Red pin 3: RTD wire 2a</p>
<p>INSTALLATION:</p> <ul style="list-style-type: none"> • TM3 must be installed within 1.2m from Sunmeter, therefore in the photovoltaic module next to it. Choose to place it in correspondence with a NON-peripheral cell of the PV module. • Clean the backsheet of PV module with a detergent. If it is not alcohol-based, pass a cloth to dry the surface. • Remove the cover of tape on the TM3 and apply it by pressing evenly on the sensor, possibly with a dry cloth. • Connect with Sunmeter, if not already connected before. If the its cable will be dangling, apply sticking tape 		

** when ordering, specify version (with M8 connector or loose pins)