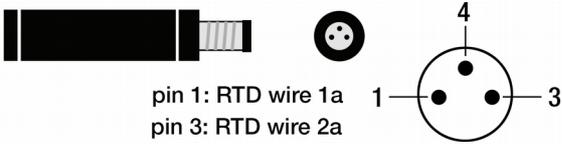
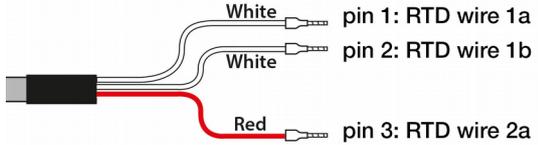


Temmeter

| | | |
|---|---|--|
| 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)