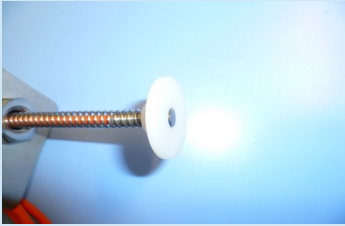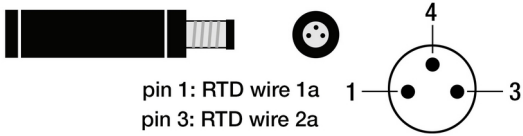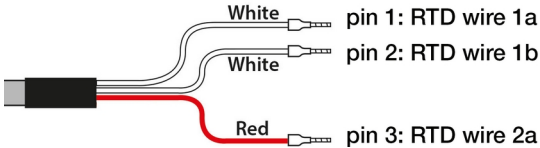# Temmeter PRO

Tenmeter PRO is a ready-to-install PT100 analog temperature sensor with a stainless steel mounting system. It is equipped with an aluminium bracket and a spring of adjustable length. This 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 sensor**
Reference standard	IEC 6075 (class B)
Output	(Analog) Variation of impedance (PT100 Δ ± 0.6°C)

Type of sensor	PT100
Temperature range	-50 ÷ +200 °C
Precision	± 0.6 °C
Response rate ΔT	<10 seconds when ΔT ≥2°C
Wire	2m sheathed with stainless steel and plastic casing with high thermal resistance
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: • insert the cap on the sensor head • apply a rotation to the cap until will be coplanar with the sensor head
Connector **	M8 a 2 poles IP67/ 3 Loose pins (white – red)

M8 a 2 poles IP67

pin 1: RTD wire 1a
pin 3: RTD wire 2a

3 Loose pins (white – red)

White — pin 1: RTD wire 1a
White — pin 2: RTD wire 1b
Red — pin 3: RTD wire 2a

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

Company with ISO 9001 quality management system certification