

TRITEC heat sensors

TRITEC surface temperature sensor Pt1000

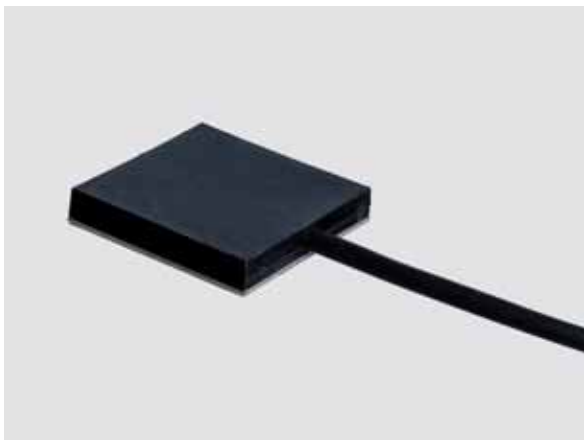
The surface temperature sensor Pt1000 is an adhesive foil sensor. It was designed for measurements on surfaces and is primarily used for temperature measurements of solar installations.

By installing the surface temperature sensor at the back of a solar module, the module temperature can be measured. The temperature of solar modules is crucial for their output, because the output decreases

by 0.43 %/K with increasing temperature. By monitoring the temperature at the solar cells, conclusions can be drawn about the behaviour of the output curve.

TRITEC outside temperature sensor Pt1000

The outside temperature sensor Pt1000 is integrated in a weather-proof macrolone housing. Its compact design makes the sensor extremely flexible: it can be installed anywhere. The UV-resistant plastic housing is equipped with a two-core connection cable.



TRITEC surface temperature sensor Pt1000



TRITEC outside temperature sensor Pt1000

CONTROL AND MEASURING INSTRUMENTS Sensors

Art. No. 0802118 0802159



Model	TRITEC surface temperature sensor Pt1000	TRITEC outside temperature sensor Pt1000
Measuring principle	Platinum resistance wire	Platinum resistance wire
Measuring range	-20 to +150 °C	-20 to +150 °C
Protection mode	IP66	IP56
Connection	Cable, 3 m, two-conductor connection	Cable, 3 m, two-conductor connection
Dimensions (W / H / D)	50 mm / 50 mm / 8 mm	52 mm / 50 mm / 32 mm
Casing	Injection moulded plastic with aluminium plate, incl. adhesive tape	Macrolone housing
Weight	120 g	120 g
Warranty	2 years	2 years