Environmental temperature sensor.

The PT1000 with integrated temperature converter.

The PT1000 ambient temperature sensor measures the ambient temperature. Conclusions can be made on the internal heat dissipation of the modules in comparison with the module temperature sensor, which is also available.

Technical Data	Ambient Temperature Sensor
Input levels	
Measuring elements	PT1000
Measurement range	-50 °C to +50 °C
Load	min. 5 kΩ
Accuracy	Typically +/-1% of the measurement range
DC operating voltage	15 V to 24 V
DC power consumption	Max. 12 mA/24 V
Temperature	-50 °C to +50 °C
W x H x D	58 x 45.5 x 103 mm
DC output	0 V to 10 V
Recommended connection cable	LiYCY 2 x 2 x 0.5 mm²