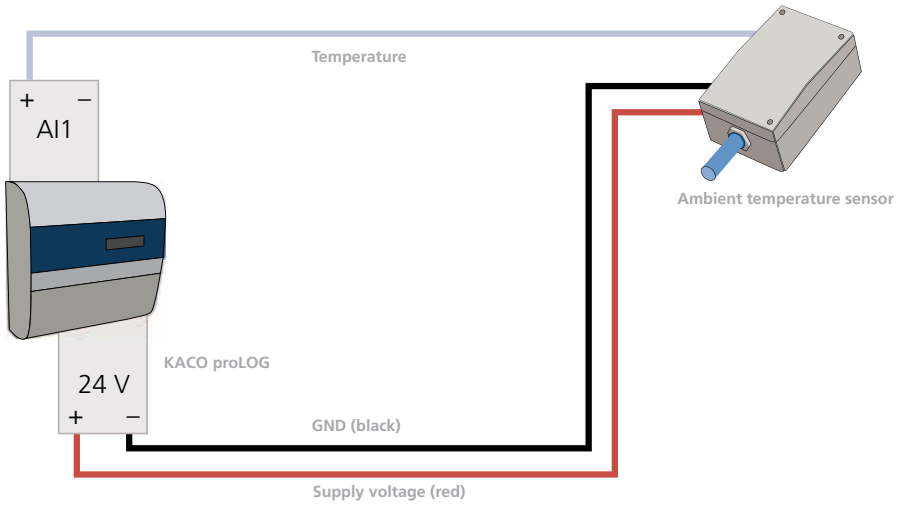
KACO

Ambient Temperature Sensor

Ambient Temperature Sensor with integrated temperature converter

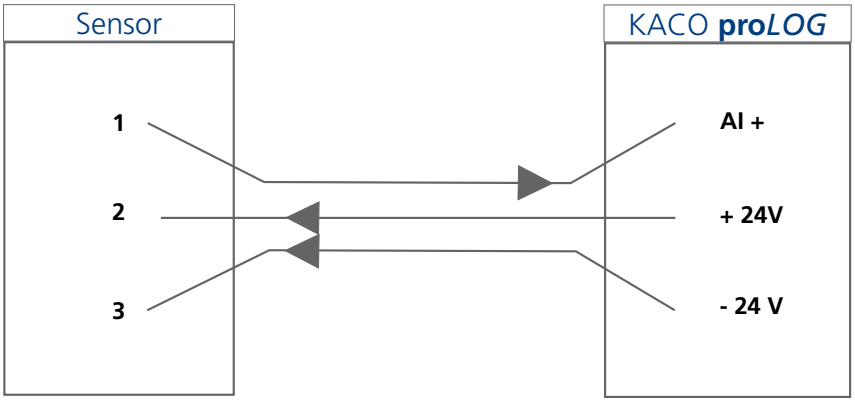
The PT1000 ambient temperature sensor measures the ambient temperature. The sensor measures the ambient temperature using a PT1000 measuring resistance. Temperatures between –50 and 50°C are converted to voltage values between 0 and 10 V.

Ambient Temperature Sensor with KACO proLOG

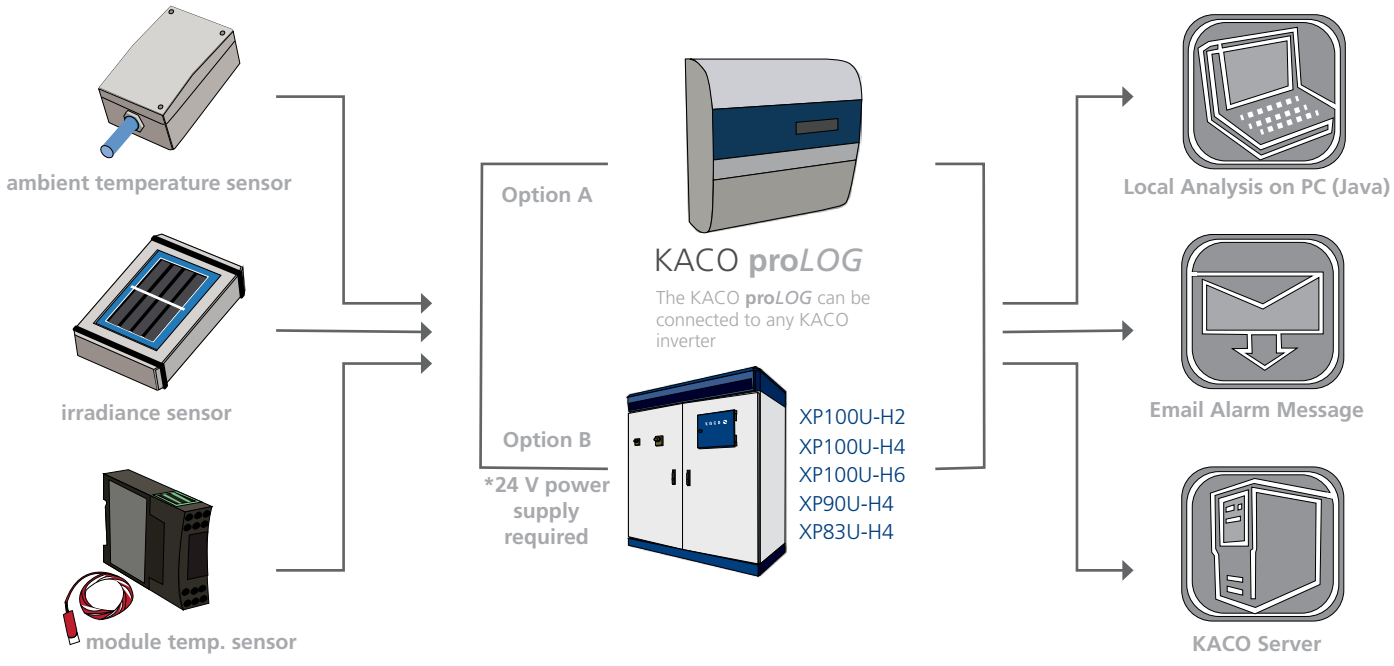


Technical Data	Ambient Temperature Sensor
Input Levels	
Measuring elements	PT1000
Temperature range	-58 °F to 122 °F (-50 °C to +50 °C)
Load	At least 5 kΩ
Accuracy	Typically +/-1 % of the measurement range
DC operating volume	15 V to 24 V
DC power consumption	Max. 12 mA/24 V_{DC}
W x H x D	2.3 x 1.8 x 4.1 in (58 x 45.5 x 103 mm)
DC output	0 V to 10 V

Wiring Diagram



KACO Sensor and Monitoring Options



Specifications are subject to change without notice. KACO accessories 06/28/11

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