

# Pessl Instruments IR Temperature

Order number: *IRTEMP*

The infrared temperature sensor infers the temperature from a portion of thermal radiation (blackbody radiation) emitted by the object being measured. It is a non-contact temperature sensor. By measuring the amount of infrared energy emitted by the object and its emissivity, the object's temperature can be determined. Main use: canopy or leaf temperature measurements.



## TECHNICAL SPECIFICATIONS

<b>Sensor</b>	Melexis MLX90614-BCC
<b>Resolution</b>	0.1 °C
<b>Interface</b>	RS 485 PI Sensor Bus
<b>Size</b>	20 mm (dia) x 24 mm
<b>Sensor housing</b>	Weather resistant PAS
<b>Range</b>	-40 °C to +85 °C

## CONNECTION TO MOTHERBOARDS

iMETOS 3.3

iMETOS ECO D3

