

GY-906 Infrarød temperatursensor

Produktkode: 334aa

Tilgjengelighet: 5

Custom Field 5 (Location): S160A

Pris: kr. 170,00

Short Description

MLX90614ESF GY-906 Infrared Contactless Thermometer Module IR Sensor For Arduino

Beskrivelse

Features and Benefits:

Bruk 3.3v

Up for sale is a MELEXIS MLX90614ESF-BAA-000-TU-ND non-contact infrared thermometer for use with Arduino,

or any microcontroller that can communicate with it through it's I2C interface.

This sensor comes with a breakout board with all of the components needed for operation and two types of pins.

They are unsoldered. Please indicate if you would like one or the other soldered.

There are two solder jumpers for the I2C interface that may or may not need to be soldered depending on your application,

but will not for most uses.

Small size, low cost

Mounted on a breakout board with two types of pins

10k Pull up resistors for the I2C interface with optional solder jumpers

Easy to integrate

Factory calibrated in wide temperature range:

-40...+125°C for sensor temperature and

-70...+380°C for object temperature.

High accuracy of 0.5°C over wide temperature range

(0...+50°C for both Ta and To) High (medical) accuracy calibration

Measurement resolution of 0.02°C

Single and dual zone versions

SMBus compatible digital interface

Customizable PWM output for continuous reading

Simple adaptation for 8...16V applications

Sleep mode for reduced power consumption

Different package options for applications and measurements versatility

Automotive grade

Applications Examples:

High precision non-contact temperature measurements

Thermal Comfort sensor for Mobile Air Conditioning control system

Temperature sensing element for residential,

commercial and industrial building air conditioning Windshield defogging

Automotive blind angle detection

Industrial temperature control of moving parts

Temperature control in printers and copiers

Home appliances with temperature control

Healthcare

Livestock monitoring

Movement detection

Multiple zone temperature control – up to 127 sensors can be read via common 2 wires

Thermal relay / alert

Body temperature measurement

Package Included:

1 x MLX90614ESF GY-906 Infrared Contactless Thermometer Module IR Sensor For Arduino

Anvendelser

<https://www.hackster.io/hardyedela/diy-arduino-gy-906-infrared-thermometer-5881aa>

Product Gallery