

INFRARED TEMPERATURE SENSOR FOR BRAKE DISKS IR1000

Infrared sensor, specifically designed for brake discs temperature measurement.

The output voltage is proportional to the detected temperature and the accuracy of the signal is very high.

The sensor has three different elements built-in, to actively compensate the output signals.

Mechanical: aluminum body red anodized, fully sealed.



TECHINICAL SPECIFICATION:

- ◆ Supply voltage: 7÷24 Vdc
- ◆ Output voltage: 0÷5 Vdc
- ◆ Response time: 50 Hz
- ◆ Current consumption: 23mA
- ◆ Operating temperature: -20 ÷ 150°C
- ◆ Measurement distance: 30 ÷ 100 mm
- ◆ Measurement cone: 5°
- ◆ Accuracy: 1% FS
- ◆ Material case: Aluminum HE 30
- ◆ Protection: IP64
- ◆ Vibration spec: 9G, 100-1000Hz per 24 Hrs
- ◆ Weight: ≈ 14 g
- ◆ Cable: Raychem 55M 28 AWG, length 1000mm
- ◆ Connection:

RED	Alim
BLACK	GND
WHITE	Sign

 Connector on request
- ◆ Dimension:

