

INFRARED TYRE TEMPERATURE SENSOR IR 200-64

The Infrared sensor measures temperature at a distance without touching the target. It detects thermal radiations emitted by objects on 64 points (4 rows x 16 columns). The data are transmitted via CAN bus. Typical application is tire temperature measurement.

The sensor is available in three versions with three different fields of view: 40°, 60°, 120°.



TECHNICAL SPECIFICATIONS:

◆ Supply voltage:	7÷24 Vdc
◆ Output signal:	CAN line
◆ Response time:	20 Hz
◆ Current consumption:	7 mA
◆ Operating temperature:	-20 ÷ 85°C
◆ Measurement distance:	20 ÷ 400mm
◆ Measurement cone:	40°H, 10°V 60°H, 15°V 120°H, 30°V
◆ Accuracy:	1% FS
◆ Material case:	Aluminum HE 30
◆ Protection:	IP64
◆ Vibration spec:	9G, 100-1000Hz for 24 Hrs
◆ Weight:	≈ 20g
◆ Cable:	Raychem 55M 28 AWG, length 1000mm
◆ Connection:	RED Supply BLACK GND YELLOW CAN H BLUE CAN L Connector on request

