

IRN-RC

3 to 8 Channel Infrared tire temperature sensor for CAN Bus

Range
Measurement
Accuracy
Response time
Sampling frequency

-20 to + 200°C
3 to 8 channels
+/- 1 % FS
100 ms at FS
50 Hz

CAN bus 2.0 A
Output data
Resolution
Baud rate
Frequency

120 Ω not installed (on demand)
2 bytes per channel (signed int)
0.1 °/bit
125 k to 1Mbps
1 Hz to 200Hz, request mode

Supply voltage
Supply current
Wave length
Field of view (90% radiation)
Lens protection

6 to 16V
30 mA max
5.5 to 14 μm
45 or 90°
Replaceable window (PEHD)

Master CAN dimensions
Flex strip dimensions
Max distance between MCB and last cell

27x13x10 mm
See drawing
600 mm

Material
Weight (without cable)

Aluminium, steel, rubber
15 g

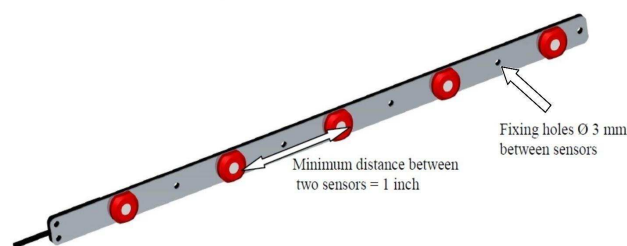
Operating temp
Storage temp

-20 to + 85°C
-40 to + 125°C

Red
Black
Green
White
Braid

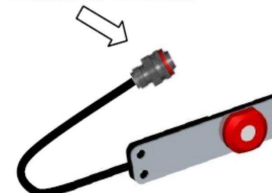
Supply
0 V
CAN High
CAN Low
Not connected

Cable: 4X26AWG FEP tinned
copper braided cable 250V 200°C

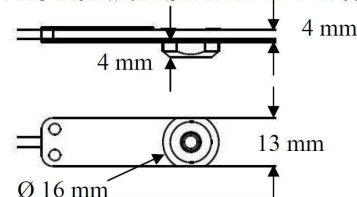


Sensors and fixation holes position step : 1/2 inch
Cell #1 nearest from master

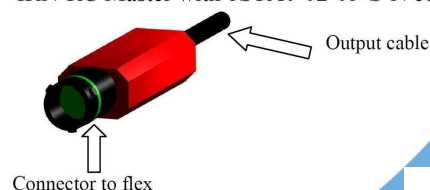
Connector to master



IRN-RC Flex with 8STA0-02-05-P-N connector



IRN-RC Master with 8STA0-02-05-S-N connector



In the interest of continuous product improvement, we reserve the right to alter without prior notice the specifications and features described in this document