AiM Infotech

AiM Tire temperature sensors kit

Release 1.02
AiM Tire temperature sensors kit

IR temperature controller:

Sensor:

N.2 fixing points M3x5mm

N.2 fixing points M3x4mm
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In the box

IR temperature controller, four tire temperature sensors, power cable, two 4 pin 712+719 patch cables 1 m length, two 4 pin 712+719 patch cables 2 m length.

Part number

X08TTK014120 Tire temperature sensors kit

Spare parts

XSMIRTEMP00 IR temperature controller
X05TTS01B0 Tire temperature sensor
V02PCB10BTXG 4 pin 712+719 patch cable, 1 m length
V02PCB20BTXG 4 pin 712+719 patch cable, 2 m length
V02S51200 Power cable

Accessories

X90KSTTS0 Installation brackets kit

Technical specifications

- Connection to MyChron5 via IR Temperature Controller
- Output signal 0-5V
- Field of View 35°
- Temperature range -20°/120°C
- IR temperature controller dimensions: 127.6 x 32 x 39 mm
- Sensor dimensions: 26.6 x 17.2 mm
- Sensor cable length: 250 mm
- IR temperature controller cable length: 400 mm
## Pinout

### 2 PINS binder 712 female connector (external view)

### 4 PINS binder 712 female connector (external view)

### 5 PINS binder 712 female connector (external view)

### Pin Assignment Table

<table>
<thead>
<tr>
<th></th>
<th>POWER</th>
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<th>FRONT RIGHT</th>
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<tbody>
<tr>
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<td>+Vbext</td>
<td>ANALOG INPUT 1</td>
<td>ANALOG INPUT 2</td>
</tr>
<tr>
<td>2</td>
<td>GND</td>
<td>GND</td>
<td>GND</td>
</tr>
<tr>
<td>3</td>
<td>+Vb</td>
<td>+Vref</td>
<td>+Vref</td>
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<tr>
<td>4</td>
<td>+Vref</td>
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<table>
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<td>ANALOG INPUT 4</td>
<td>CAN+</td>
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<tr>
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<td>GND</td>
<td>GND</td>
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