INF (V/T) 1000°C
Analog brake disc temperature sensor
Rectangular or Threaded cylinder

Range
Accuracy
Resolution at 1000°C
Response time

0 to 1000°C
1% FS
15 mV/°C
50 ms

Supply voltage
Supply current
Output signal

5 to 16V
1.5 mA
0 – 5 V

Measurement distance
Emissivity
Field of view (90% radiation)
Wave length

30 to 100 mm
99%
5 : 1 at 50mm
8 to 14 μm

Operating temp
Storage temp

-20 to +100°C
-40 to +125°C

<table>
<thead>
<tr>
<th>Temperature (°C)</th>
<th>Volts / Steel</th>
<th>Volts / Carbon</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>100</td>
<td>0.02</td>
<td>0.02</td>
</tr>
<tr>
<td>200</td>
<td>0.07</td>
<td>0.08</td>
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<tr>
<td>300</td>
<td>0.14</td>
<td>0.18</td>
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<tr>
<td>400</td>
<td>0.27</td>
<td>0.36</td>
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<tr>
<td>500</td>
<td>0.49</td>
<td>0.63</td>
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<tr>
<td>600</td>
<td>0.86</td>
<td>1.03</td>
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<tr>
<td>700</td>
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<tr>
<td>800</td>
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<td>2.37</td>
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<tr>
<td>900</td>
<td>2.89</td>
<td>3.39</td>
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<tr>
<td>1000</td>
<td>4.01</td>
<td>4.71</td>
</tr>
</tbody>
</table>

Red
White
Blue (or Black)
Braid

5 - 16V
Signal
0 V
Not connected

1 m cable of 3X26AWG FEP
tinned copper braided cable 250V 200°C

www.texense.com
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Analog brake disc temperature sensor
Rectangular or Threaded cylinder

Housing
“T” type
“V” type

Weight (without cable)
15 g

Aluminium
27x17x11 mm
M12x1x length 32 mm

“T” type
“V” type

Mounting

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