PMC/KA Sensors adopts a continuous development program which sometimes necessitates specification changes without notice.

The KA configuration tool is used to specify a standard KA Sensor, other options are available.

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>-150°F to +2100°F</td>
</tr>
<tr>
<td>Sensor Input</td>
<td>Type ‘K’ Thermocouple</td>
</tr>
<tr>
<td>Supply Voltage</td>
<td>5V</td>
</tr>
<tr>
<td>Current</td>
<td>25mA Maximum</td>
</tr>
<tr>
<td>Output Voltage</td>
<td>0.4V @ 32°F</td>
</tr>
<tr>
<td>Output Voltage Gain</td>
<td>2mV / °F</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±1% of Reading +4°F</td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>0° to +155°F</td>
</tr>
<tr>
<td>Electrical Connection (Input)</td>
<td>Miniature ‘K’ Type Connector</td>
</tr>
<tr>
<td>Electrical Connection (Output)</td>
<td>40&quot; 26AWG, 55spec Wire + DR25 Sleeve</td>
</tr>
<tr>
<td>Mechanical Dimensions (inches)</td>
<td>1.8” x 0.95” x 0.5” (Approximate)</td>
</tr>
</tbody>
</table>

**PART NUMBER CONFIGURATOR**

```
KTA - [ ] - [ ] - [ ]
```

- **Measurement Range**: -150°F to +2100°F
- **Cable Length**: 40 inches 26AWG, 55spec Wire + DR25 Sleeve
- **Special Code**: None 000

The KA configuration tool is used to specify a standard KA Sensor, other options are available.

**CONNECTION DETAILS**

```
+5V Supply | 0V Supply | +Signal
Red        | Black     | White
```

**Features**
- KTC Amplifier
- -150°F to 2100°F
- 25mA Max Current

**Applications**
- Air
- Coolant
- Exhaust Gas
- Oil
- Surface Temperature
- Thermal Profiles

sales@pmc1.com
www.kasensors.com

Represented by:

KTA.905