

# TCBS Series Thermocouple Connection Box

## FEATURES

- Extends thermocouple connections up to 3 m from DAQ device
- For use with various types of thermocouples (see ordering information)
- Barrier strip jackets (avoids errors)
- Mountable to T-slot table/base plate with optional mounting kit

## DESCRIPTION

The TCBS Thermocouple Connection Barrier Strip provides a method of connection the data acquisition device, which is usually installed in the main console, to the device being monitored up to 3 meters away. All eight thermocouples pairs are bundled into a single cable and terminated in a die cast aluminum box with barrier strip jackets for easy connection.

Interconnection errors can be avoided by using the barrier strip with the relevant thermocouple extension or compensation material. The strips are marked to identify the alloy and polarity.

The box can be supplied with optional T-nuts for easy mounting to a T-slot table or Magtrol PT 25 Base Plate.



## DIMENSIONS

	<i>in</i>	<i>mm</i>
<b>width</b>	5.87	149.1
<b>depth</b>	3.69	93.7
<b>height</b>	2.78	70.6

Detailed dimension drawings can be found on Magtrol's web site. Solid 3D models are also available by contacting Magtrol Customer Service.

## ORDERING INFORMATION

<b>MODEL NUMBER:</b>	TCBS - <input type="checkbox"/> - <input type="checkbox"/>
<b>THERMOCOUPLE TYPE</b>	<ul style="list-style-type: none"> <li>• -210 °C to 1200 °C ————— J</li> <li>• -270 °C to 1372 °C ————— K</li> <li>• -270 °C to 400 °C ————— T</li> </ul>
<b>CABLE LENGTH</b>	<ul style="list-style-type: none"> <li>• 3 meters ————— 3</li> </ul>

## OPTIONAL MOUNTING PLATE

DESCRIPTION	PART NUMBER
TCBS Mounting Kit	007175

*Due to the continual development of our products, we reserve the right to modify specifications without forewarning.*



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