

**B8645 & B8645J Thermocouple Specifications <sup>1</sup>**

<b>Types</b>	B8945	K-type Nickel Chromium / Nickel Aluminium thermocouple.
	B8945J	J-type Iron / Copper Nickel thermocouple.
<b>Input Connector</b>	Miniature chassis mounted type thermocouple socket.	
<b>Ice Point Comp.</b>	K-type	At input connector from -40°C to +70°C @ Tx40.44µV/°C.
	J-type	At input connector from -40°C to +70°C @ Tx51.70µV/°C.
<b>Input Bias Current</b>	0.1µA.	
<b>T/C Power</b>	<1mW.	
<b>Thermal Stability</b>	<0.05°C/°C.	
<b>Sensitivity</b>	±100, 200, 500 and 1000°C.	
<b>Accuracy</b>	±0.5°C on 200°C range (see conditioner description for transfer curve).	
<b>T/C Open Circuit</b>	Front panel LED indicated open circuit thermocouple.	
<b>Main Output</b>	Voltage	±10V peak to peak
	Type	Single ended
	Connections	Output connector or A/D via rack's motherboard.
<b>Monitor Output</b>	Via miniature front panel mounted Coax connectors.	

<sup>1</sup> Specification subject to change without notice