



# Racing Series THK Thermocouple Amplifier

PET housing

**Dimensions :** 37 x 20 x 10 mm

**Weight :** 15 g

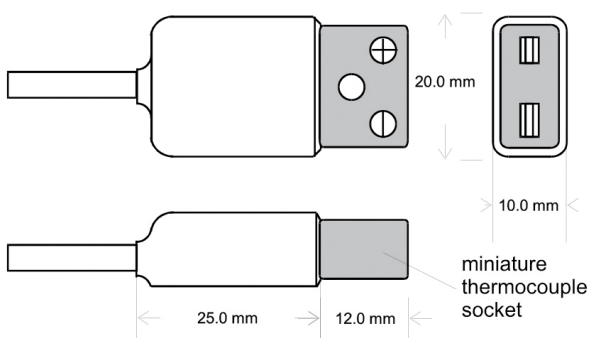
**Patent US\_6,942,382**

**FR\_0209687**

Reference	THK 200	THK 400	THK 1250
<b>Range</b>	-50 to 200°C	- 100 to 400°C	0 to 1250°C
<b>Thermocouple</b>	Type K	Type K	Type K
<b>Accuracy</b>	+/- 2 % FS	+/- 2 % FS	+/- 2 % FS
<b>Sensitivity</b>	20mV/°C	10mV/°C	4mV/°C
<b>Response time</b>	200ms	200ms	200ms
<b>Supply Voltage</b>	5 to 16V	5 to 16V	5 to 16V
<b>Supply current</b>	1,5 mA	1,5 mA	1,5 mA
<b>Calibrator</b>	Fluke 714	Fluke 714	Fluke 714
<b>Protection</b>	IP53	IP53	IP53
<b>Vibration test</b>	20Gpp 5'	20Gpp 5'	20Gpp 5'
<b>Shock</b>	1000G	1000G	1000G
<b>Operating Temp</b>	0 to +80°C	0 to +80°C	0 to +80°C
<b>Storage Temp</b>	-40 to +125°C	-40 to +125°C	-40 to +125°C

**Connection :** 1 metre of 3 x AWG 26 PTFE shielded cable

**Standard connections :** **Red :** Supply (5 to 16V) **White :** Output signal **Blue :** GND (0V)



Compatible with any thermocouple probe type K fitted with a miniature plug.

The thermocouple probe wires must be isolated from supply ground.