



Racing Series THK Thermocouple Amplifier

PET housing

Dimensions : 37 x 20 x 10 mm

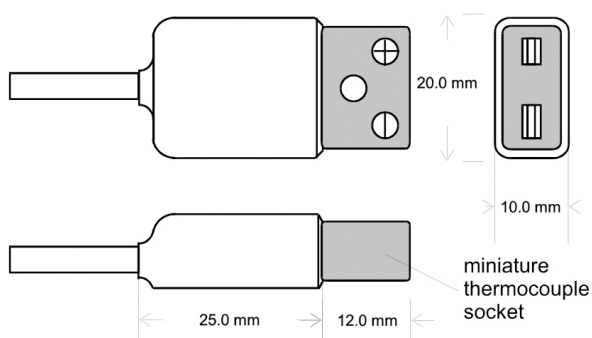
Weight : 15 g

Patent US_6,942,382
FR_0209687

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