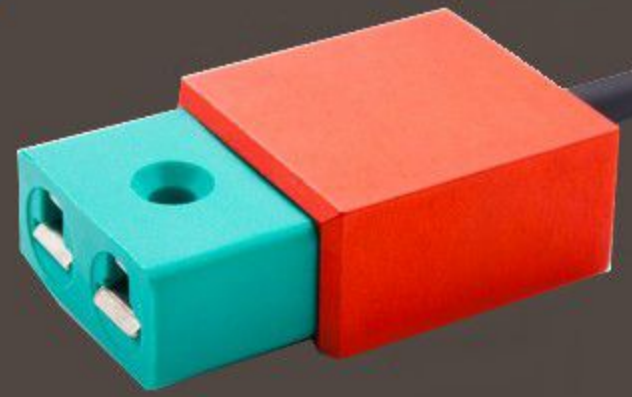


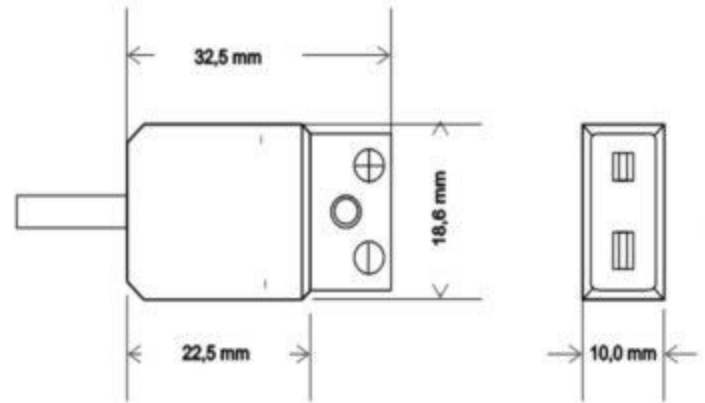
texense
world pro by TEXYS



THA

Thermocouple connector conditioner

Range	From -50 to + 200 °C To 0 to +1250 °C
Type	K, J, T...
Cold junction error	± 1 °C
Accuracy range < 1000 °C	± 0.5 % FS
Accuracy range > 1000 °C	± 1 % FS
Drift vs ambient temperature	0.5 % FS
Sensitivity	Linear, See calibration table
Supply voltage	5 to 16V
Supply current	2mA
Output signal	0 – 5 V
Output impedance	47 Ω
Housing	Aluminium
Dimension	32.5x19x10 mm
Weight (without cable)	15 g
Operating temp	0 to + 100 °C
Storage temp	-40 to + 125 °C



Target °C	Calibration tables			
	-50 to +200 20mV/°C	-100 to +400 10mV/°C	0 to +1000°C 5mV/°C	0 to +1250°C 4mV/°C
-100		0.00		
-50	0.00	0.50		
0	1.00	1.00	0.00	0.00
50	2.00	1.50	0.25	0.20
100	3.00	2.00	0.50	0.40
150	4.00	2.50	0.75	0.60
200	5.00	3.00	1.00	0.80
300		4.00	1.50	1.20
400		5.00	2.00	1.60
600			3.00	2.40
800			4.00	3.20
1000			5.00	4.00
1250				5.00

Ordering ref	ex : THA-K-200
THA - Type - Range	
K	200
J	400
T	1000
	1250
---	---

The Thermocouple probe wires must be isolated from supply ground

1 m cable of 3X26AWG FEP
tinned copper braided cable 250V 200°C

Red Supply
White Signal
Blue (or Black) 0 V GND
Braid Connected to case

In the interest of continuous product improvement, we reserve the right to alter without prior notice the specifications and features described in this document.