



THN

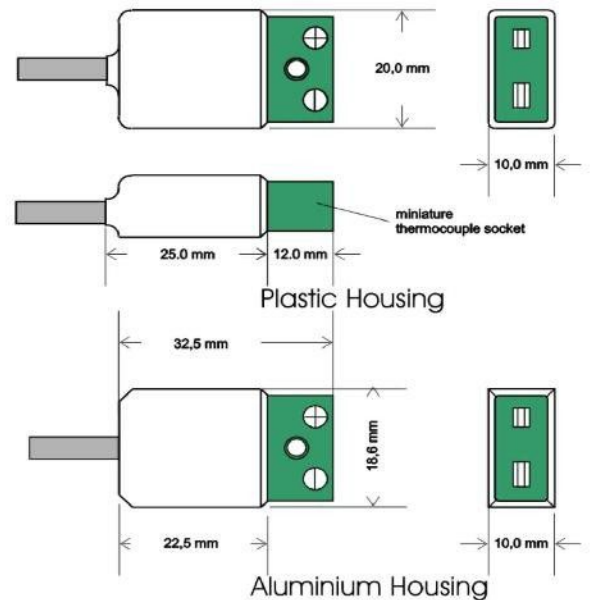
Digital & Analog Thermocouple connector conditioner

Range	From -100 to +400°C To 0 to +1250°C
Type	K, J, T...
Cold error junction	±0.7°C
Accuracy digital output	±0.5°C
Accuracy analog output	±0.25% FS
Sensitivity	Linear, See calibration table
Sampling frequency	5 Hz
Supply voltage	5 to 16V 12 to 33V
Supply current	3 mA
Output voltage	0 – 5 V
Output impedance	47 Ω
Plastic housing "P" type	37x20x10 mm
Aluminium housing "A" type	32.5x19x10 mm
Weight (without cable)	15 g
Operating temp	-40 to +125°C
Storage temp	-40 to +125°C

1 m cable of 4X26AWG FEP
tinned copper braided cable 250V 200°C

Red Supply
White Signal
Blue (or Black) 0 V GND
Green* Serial Data

* Only with Texense USB-Connect



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

THN	Type	Range	Supply	Output	Housing
K	200	+12	5	P	
J	400	[5-16]	10	A	
T	1250	+24			
...	...	[12-33]			

P : PET Plastic
A : Aluminium

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