



THNFx4-C

4 ch digital TC Conditioner, CAN bus

250Hz Sampling Frequency per channel

Range -100°C min, 1800°C max
Type B, E, J, K, N, R, S, T
Sampling frequency per ch. 250 Hz
Sampling error 0.2 %FS max
Cold junction error ± 0.25°C

CAN Bus 2.0A
CAN Bus termination R=120Ω, Switchable via CAN Bus
Output data 2 bytes per channel (signed int)
Resolution 0.1 °/bit
Accuracy ± 0.5°C
Baud rate 125k to 1Mbps
Calibrator Calog Temperature
Supply voltage 6 to 25 V
Supply current <25 mA

Dimension 92.7x16x22 mm
Material Aluminum
Weight 65g
Protection IP 53

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
Black 0 V
Green CAN High
White CAN Low
Yellow Not connected
Braid

Ordering ref:

THNF4x-C-	Type	Range
	K	-20+200
	J	-40+400
	T	0+1800

Ex: THNF4x-C-K-50+250 → type K, -50 to +250°C

