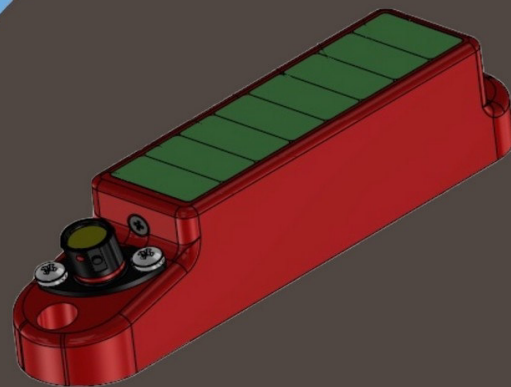




THNF8x-C

8 ch digital TC Conditioner , CAN bus

125Hz Sampling Frequency per channel

Range
Type
Sampling frequency per ch.
Sampling error
Cold junction error

-100°C min, 1800°C max
 B, E, J, K, N, R, S, T
 125 Hz
 0.2 %FS max
 $\pm 0.25^{\circ}\text{C}$

CAN Bus
CAN Bus termination
Output data
Resolution
Accuracy
Baud rate
Calibrator

2.0A
 R=120 Ω , Switchable via CAN Bus
 2 bytes per channel (signed int)
 0.1 °/bit
 $\pm 0.5^{\circ}\text{C}$
 125k to 1Mbps
 Calog Temperature

Supply voltage
Supply current

6 to 25 V
 >30mA

Dimension
Material
Weight
Protection

104x21x25mm
 Aluminum
 80g
 IP 53

Operating temp
Storage temp

-40 to +125°C
 -40 to +125°C

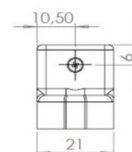
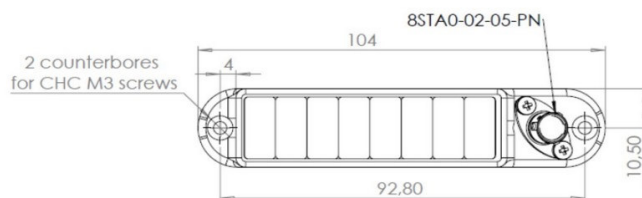
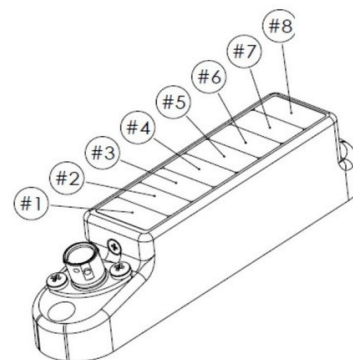
Connector : 8STA0-02-05PN
 Mating connector : 8STA6-02-05SN

PIN	Function
1	Supply
2	0 V
3	CAN Low
4	CAN High
5	Reserved, do not connect

Ordering ref:

THNF8x-C-	Type	Range
	K	-20+200
	J	-40+400
	T	0+1800
	...	...

Ex: THNF8x-C-K-50+250 → type K, -50 to +250°C



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