



Specifications	
Number of channels	5 differential, not individually isolated
Input ranges	Type B: 200~1800 °C Type E: 0~1000 °C Type J: -50~750 °C Type K: 0~1200 °C Type R: 0~1700 °C Type S: 0~1700 °C Type T: -100~400 °C
Resolution	12 bits (1 in 4096)
Accuracy	±1% FSR
Span drift	+/-30 PPM/°C
Step response (5~95%)	18 ms/channel
Setup time	20 ms/channel
Settle time	50 ms/channel
Conversion method	Sigma-Delta
Range selection	By DIP switch
Cold junction compensation	Automatic
Isolation	2.5 KV optical isolation between input signal and CPU, channels not individually isolated
Outputs	5 PWM isolated outputs
Internal current consumption	400 mA
Weight	380 g
Features	
	<ul style="list-style-type: none"> \$ Thermocouple wire break detection \$ Individual channel conversion enable/disable \$ Raw or Scaled Temperature values \$ Internal PID Loop controllers

Terminal #	Signal	Wiring Diagram
1	CH1+	<p>2K~10 MΩ</p>
2	CH1-	
3	CH2+	
4	CH2-	
5	CH3+	
6	CH3-	
7	CH4+	
8	CH4-	
9	CH5+	
10	CH5-	
11	O1	
12	O2	
13	O3	
14	O4	
15	O5	
16	24V	
17	GND	
18	SNR+	
19	SNR+	
20	SNR-	

