



## Features

- 8 Thermocouple Input Channels, 8 Digital Outputs
- Mixed I/O in single module
- 16 bit resolution
- Modbus/TCP protocol

## Specifications

Analog Input		General	
<b>Channels</b>	8 differential, Thermocouple	<b>Certifications</b>	UL, UL(C), CE, FCC rated, ROHS compliant
<b>Thermocouple Type and Range</b>	<b>J</b> 0 ~ 760°C	<b>Connectors</b>	(1) RJ-45 (LAN) Plug-in screw terminal block (I/O & power)
	<b>K</b> 0 ~ 1370°C	<b>Dimensions</b>	60 x 110 x 27 mm (WxHxD)
	<b>T</b> -100 ~ 400°C	<b>Enclosure</b>	ABS+PC
	<b>E</b> 0 ~ 1000°C	<b>LAN</b>	10/100 Base-T
	<b>R</b> 500 ~ 1750°C	<b>LED Indicators</b>	Power and communication
	<b>S</b> 500 ~ 1750°C	<b>Mounting</b>	DIN 35 rail, stack, wall
	<b>B</b> 500 ~ 1800°C	<b>Power Consumption</b>	2 W @ 24 VDC
<b>Input Impedance</b>	>10 MΩ	<b>Power Input</b>	Unregulated 10~30 VDC
<b>CMR @ 50/60 Hz</b>	90 dB	<b>Relative Humidity</b>	<b>Operating:</b> 20 ~ 95%
<b>NMR @ 50/60 Hz</b>	60dB		<b>Storage:</b> 0 ~ 95%
<b>Resolution</b>	16-bit	<b>Temperature</b>	<b>Operating :</b> -10 ~ 70°C
<b>Accuracy</b>	±0.1% or better		<b>Storage:</b> -20 ~ 80°C
<b>Sampling Rate</b>	10 samples/sec	<b>Construction Material</b>	Impact resistant ABS plastic
<b>Bandwidth</b>	13.1 Hz @ 50 Hz 15.72 Hz @ 60 Hz	<b>Protection</b>	
<b>Span Drift</b>	±25 ppm/°C	<b>Watchdog Timer</b>	System (1.6 second) and Communication (programmable)
<b>Zero Drift</b>	±6 μV/°C	<b>Power Protection</b>	Withstands overvoltage up to ±35 V
<b>Digital Output</b>		<b>Isolation Protection</b>	2,000 VDC
<b>Channels</b>	8		
<b>Type</b>	Open Collector to 30 V 100 mA max. load		
<b>Power Dissipation</b>	300 mW for each module		