



Features

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

Specifications

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