



Features

- 7 Channel Input
- 16 bit resolution
- Modbus/TCP protocol

Specifications

Input	
Channels	7 differential
Input Type	Pt, Balco, and Ni RTD
Input Impedance	>10 MΩ
CMR @ 50/60 Hz	150 dB
NMR @ 50/60 Hz	100 dB
Resolution	16 bits
Accuracy	± 0.05 % or better
Input Connections	2 or 3 wire
Sampling Rate	10 samples / sec
Span Drift	± 25 ppm / °C
Zero Drift	± 3 μV / °C

RTD Types and Temperature Ranges	
Pt 100	-50° C to 150° C 0° C to 100° C 0° C to 200° C 0° C to 400° C -200° C to 200° C
IEC RTD	100 ohms.(a= 0.00385)
JIS RTD	100 ohms.(a= 0.00392)
Pt 1000	-40 ~ 160° C
Balco 500 RTD	-30 ~ 120° C
Ni 518	-80 ~ 100° C 0 ~ 100° C

General	
Certifications	UL, UL(C), CD, FCC rated, ROHS compliant
Connectors	(1) RJ-45 (LAN) Plug-in screw terminal block (I/O & Power)
Dimensions	60 x 110 x 27 mm (WxHxD)
Enclosure	ABS+PC
LAN	10/100 Base-T
LED Indicators	Power & Communication
Mounting	DIN 35 rail, stack, wall
Power Consumption	2 W @ 24 VDC
Power Input	Unregulated 10 ~ 30 VDC
Relative Humidity (non-condensing)	Operating: 20 ~ 95% Storage: 0 ~ 95%
Temperature	Operating : -10 ~ 70° C Storage: -20 ~ 80° C
Construction Material	Impact resistant ABS plastic

Protection	
Power Reversal Protection	
Individual Wire Burn-out Detection	
Watchdog Timer	Yes, Programmable (Comm.)
Isolation Protection	2,000 VDC

