

EDAM-9015

Ethernet-based 7-ch RTD input module



Features

- ◆ Support PT100, PT1000, Balco 500, NI604, NI1000 RTD types
- ◆ Support protocol Modbus/TCP, TCP/IP, UDP, ICMP, ARP
- ◆ Ethernet 10/100 Based-T communication
- ◆ Support isolated input channels
- ◆ Fully photo-isolation 3750Vrms
- ◆ Wide supply voltages (10~30V)
- ◆ Built-in TVS/ESD protection
- ◆ Burn-out auto detection

Specifications

Interface:

Communication	10/100 Based-T Ethernet
Baute rate (bps)	Modbus/TCP, TCP/IP, UDP, ICMP and ARP
Protocol	LED for power and Ethernet link status
Isolation voltage	3000VDC

CMRR	50/60 Hz: 150 dB
NMR	50/60 Hz: 100 dB
Burn-out	Wire burn-out auto detection
Over voltage protection	±60V

Analog input:

Effective resolution	16-bit
Input channels	7 differential
Input type	PT100, PT1000, Balco 500, NI604, NI1000
Isolation voltage	2000V
Sampling rate	12 samples/sec
Input Impedance	20MΩ
Accuracy	±0.05% or better
Resolution	16-bit
Zero drift	±0.5uV/ °C
Span drift	±20uV/ °C

Power requirement :

Consumption	2.2W
Power input	10~30VDC (unregulated)
Humidity	5 ~ 95% RH, non-condensing

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