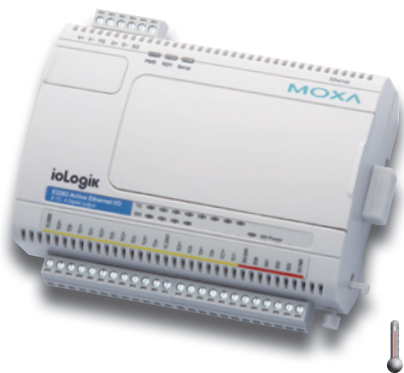


ioLogik E2262

Active Ethernet I/O with 8 thermocouple inputs and 4 digital outputs



- > Supports J, K, T, E, R, S, B, and N type thermocouple and mV modes
- > Conversion Time: Less than 90 ms
- > Instant event messaging by TCP/UDP/email/SNMP-Trap
- > PC-based configuration utility and web console
- > Easy-to-use Click&Go™ Logic for local output control
- > Windows/WinCE VB/VC.NET and Linux C APIs
- > I/O control over Modbus/TCP and SNMP protocol
- > NIST traceable calibration

The certification logos shown here apply to some or all of the products in this section. For details, see "Regulatory Approvals" under "Specifications" below.



Introduction

Extend the Wiring Length

The ioLogik E2262 can extend the wiring length of your sensors up to 10 fold. For example, whereas the wiring for a J-Type may normally extend only 10 m, the ioLogik E2262 can be used to increase the J-Type TC wiring length up to 100 m.

More Accurate Temperates

The ioLogik E2262 has two cold junction compensation sets and supports digital filtering. Calibration, linearization, and calculation are based on the devices traced by the NIST (National Institute of Standards and Technology), and are stored in memory to eliminate this source of error. The ioLogik E2262 can also detect burnout and disconnection.

Specifications

Thermocouple Input

- Channels:** 8
- Sensor Type:** J, K, T, E, R, S, B, N type TC and mV mode
- Conversion Time:** Less than 90 ms
- Effective Resolution:** 16 bits
- Accuracy:**
±0.1% FSR @ 25°C
±0.3% FSR @ -10 and 60°C
- Input Impedance:** 1 M ohm or better

Digital Output

- Channels:** 4, sink type, 36 VDC, 200 mA
- I/O Mode:** DO or Pulse Output (up to 100 Hz)
- Pulse Wave Width/Frequency:** 10 ms/100 Hz
- Over-voltage Protection:** 45 VDC
- Over-current Limit:** 750 mA
- Over-temperature Shutdown:** 175°C
- Isolation:** 3K VDC or 2K Vrms

I/O Pin Assignment

I/O (left to right)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
TC0 +	TC0 -	TC1 +	TC1 -	TC2 +	TC2 -	TC3 +	TC3 -	TC4 +	TC4 -	TC5 +	TC5 -	TC6 +	TC6 -	TC7 +	TC7 -		DO.GND	DO.GND	D00	D01	D02	D03	DO.PWR

Ordering Information

- ioLogik E2262:** Active Ethernet I/O with 8 thermocouple inputs and 4 digital outputs
- LDP1602:** LCD module with 16 x 2 text and 5 buttons