



### ETHERNET PORT

- 10/100Base Tx(auto-detecting)
- RJ45 connection (auto-crossover)
- Protocol TCP/IP, Modbus/TCP, Modbus/RTU
- FTP server,HTTP

### DIGITAL INPUTS

- 4 channels (sinking or sourcing)
- Maximum voltage 30 VDC
- Input current @ 24VDC 3mA

### DIGITAL OUTPUTS

- 4 channels (10-30VDC)
- PWM 2 channels 500mA
- Minimum load 1 mA
- Inrush current 5 Amps (100 mS surge)
- Typical ON resistance 0.3 Ohms
- Typical ON voltage (@1A) 0.3 VDC

### ANALOG INPUTS

- 4 channels (4-20mA)
- A/D resolution 24 bits (0.003%)
- Full scale accuracy +/-0.1%(@20°C)
- Span and offset temp. coef.+/- 50ppm per °C

### ANALOG OUTPUTS

- Up to 2 channels (4-20mA)
- D/A resolution 16 bits (less than 1 uA)
- Full scale accuracy (@20°C)+/- 0.02%
- Span and offset temp. coef. +/- 50ppm per °C typical

### ENVIRONMENTAL

- DIN Rail
- Input power 10-30 VDC
- Input current 240mA @24VDC (typical)
- Temperature -40 to 70°C (-40 to 85°C storage)
- Humidity 5% to 95% RH (non-condensing)

### PRODUCT HIGHLIGHT

- Data logging and time stamping, trending, alarm logging and sequence of events
- Stand alone control of remote site IEC 61131 ISaGRAF and high level C++ programming
- Limitless multi-user connectivity; telephone, Internet, and wireless telemetry,10/100 Ethernet plus up to 2 com port
- Advanced communication capabilities report on exception, store & forward, peer to peer
- True open system design, Ethernet TCP, Modbus, Linux, OPC& more
- Small to large applications, scalable from 1 to 1,000+ stations
- Embedded Linux open source software, add application, I/O driver & much more
- An OEM's dream platform, pre-certified, add your application
- Web Graphic User Interface (GUI) real time
- Modbus TCP Real Time

### PERFORMANCE SPECIFICATIONS

- Industrial PowerPC (32 bit data bus)
- Operating system embedded Linux
- Dynamic memory (RAM) 32 Mbytes -32bits, 0 wait states
- Program memory (Flash) 32 Mbytes
- Retained memory (RAM) 512K (battery-backed)
- Local I/O (on-board)
- Limit placed on expansion 256 per I/O type
- Data logging support
- IEC 61131 programming
- High Level C programming, Linux open source

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