Seal/O - Ethernet Data Acquisition Modules

Ethernet Modbus TCP to 16 Isolated Inputs / 8 Form C Relay Outputs

Item # 420E

Interface 16 optically isolated inputs and 8 Reed relay outputs via any 10/100BaseT Ethernet connection with the Seal/O-420E. Inputs can range from 5-30VDC while the Form C relay outputs can switch up to 60VDC @ 2A. The Seal/O-420E is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the Seal/O-420E using industry standard Modbus TCP protocol or use the Sealevel SeaMAX API software libraries from your application program. Sealevel's SeaMAX software drivers and utilities make installation and operation easy using Windows 2000, XP and Vista™ operating systems.

Expand your I/O network with Seal/O N series products. Seal/O modules are available with Reed and Form C relays, optically isolated inputs, TTL interfaces, A/D and D/A functionality. Up to 246 additional expansion modules can be added using convenient pass-through connectors.

Unique Features

- 10/100BaseT Ethernet Modbus TCP interface
- 16 optically isolated inputs
- 8 SPDT Form C Reed relays
- Removable screw terminals simplify field wiring
- Input power via terminal block or modular connector
- DIN rail mount or table mount
- Sealevel software supports Windows 2000/XP/Vista operating systems

Technical Specifications

Number of I/O	16 Inputs / 8 Outputs
Power Requirement	9-30 VDC @ 3.5W
Input Isolation	300V
Input Range	5-30 VDC
Contact Voltage	60VDC Max
Contact Current	2A Max
Contact Operate Time	2ms Max
Contact Bounce Time	7ms Max
Contact Release Time	1ms Max
Operating Temperature	0 - +70° C
Storage Temperature	-50° - +105° C
Humidity Range	10 - 90% R.H.
Dimensions	7.5 (L) x 5.1 (W) x 1.3 (H)

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