Seal/O - Ethernet Data Acquisition Modules

Ethernet Modbus TCP to 16 Isolated Inputs / 16 Reed Relay Outputs

Item # 410E

Monitor and control 16 optically isolated inputs and 16 Reed relay outputs via any Ethernet connection with the Seal/O-410E. Inputs can range from 5-30VDC, while the Reed relays provide long life switch closures well suited to low current devices. Inputs and outputs are grouped into four-bit segments that each share a common for easy wiring via removable 3.5mm terminal blocks. The Seal/O-410E is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the Seal/O-410E 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 SPST Form A Reed relays
- 16 optically isolated inputs
- Removable screw terminals simplify field wiring
- Status indicator LEDs for Communication, Fault, and Power
- Input power via terminal block or modular connector
- DIN rail or table mount
- Sealevel software supports Windows 2000/XP/Vista operating systems

Technical Specifications

Number of I/O	16 Inputs / 16 Outputs
Power Requirement	9-30 VDC @ 2.9W
Input Isolation	300V
Input Range	5-30 VDC
Contact Voltage	60VDC Max
Contact Current	500mA Max
Contact Operate Time	0.5ms Max
Contact Bounce Time	0.5ms Max
Contact Release Time	0.2ms 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)