32 Optically Isolated Input SeaI/O Expansion Module

Part: 430N | **Model:** SeaI/O-430N

The SeaI/O-430N adds 32 optically isolated inputs to your SeaI/O network. Compatible with all SeaI/O base units (Ethernet, USB, RS-485, RS-232), the SeaI/O-430N connects easily using an RS-485 input. Cabling is accomplished via the units RJ45 connector or removable screw terminals. RS-485 line conditioning allows easy installation of termination and pull-up/pull-down resistors.

All SeaI/O N-series expansion modules ship with an expansion and strap kit that includes four metal straps, four #4-40 screws, and a 5" RJ45 RS-485 interconnect cable. The metal straps allow you to connect multiple SeaI/O modules together in a stack. The interconnect cable can be used to connect SeaI/O modules together via the RJ45 pass-through connectors, providing an easy method to cascade RS-485 signals and power from one module to the next. Alternatively, use inexpensive CAT5 cabling to pass data signals between SeaI/O modules to create a distributed network.

SEALEVEL®

Features & Specifications
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Features

- Quick connection to SeaI/O devices using RJ45 connector or removable screw terminals
- 32 optically isolated inputs
- Removable screw terminals simplify field wiring
- Input power via terminal block or modular connector
- DIN rail mount or table mount
- Includes expansion and strap kit (item# KT122)

Specifications

Family	SeaI/O
Dimensions	7.5 (L) x 5.1 (W) x 1.3 (H)
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Input Isolation	300V
Input Range	5-30 VDC
Input Impedance	6.2 K Ohms (in series)
Host Interface(s)	RS-485
Number of Inputs/ Outputs	32 Inputs
Operating Temperature	0°C to 70°C (32°F to 158°F)
Output Type	SPST Form A Reed relays
# of Ports	32
Power Requirement	9-30 VDC @ 0.4W
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)