

Seal/O - USB Data Acquisition Modules

USB to 32 Optically Isolated Inputs

Item # 430U

Interface 32 optically isolated inputs via any USB connection with the Seal/O-430U. Inputs can range from 5-30VDC and provide 300V external isolation. Connection is made using convenient 3.5mm removable screw terminal connectors. To facilitate easy wiring, the inputs are grouped in 4-bit segments that each share a common. The Seal/O-430U is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the Seal/O-430U using the Sealevel SeaMAX API software libraries or use any Modbus RTU compliant device. 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.

The Seal/O-430U integrates a patent-pending SeaLATCH™ USB port, which is fully compatible with standard USB cables. When used with the included USB cable with a SeaLATCH USB type B connector, the metal thumbscrew provides a secure connection to the device and prevents accidental cable disconnection.

Unique Features

- ▶ 32 optically isolated inputs
- ▶ Removable screw terminals simplify field wiring
- ▶ Input power via terminal block or modular connector
- ▶ Patent-pending SeaLATCH USB port provides locking connection with SeaLATCH USB cables via metal thumbscrews
- ▶ DIN rail mount or table mount
- ▶ Sealevel software supports Windows 2000/XP/Vista operating systems
- ▶ Includes 6' USB type A to SeaLATCH USB type B device cable (Item# CA356)



Technical Specifications

Number of I/O	32 Inputs
Power Requirement	9-30 VDC @ 0.7W
Input Isolation	300V
Input Range	5-30 VDC
Input Resistance	6.2K Ohms (in series)
Operating Temperature	0 - +70° C
Storage Temperature	-50° - +105° C
Humidity Range	10 - 90% R.H.
USB Spec.	1.1 Compliant
	2.0 Compatible
Dimensions	7.5 (L) x 5.1 (W) x 1.3 (H)

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