



USB to 16 Isolated Inputs Digital Interface Adapter

Part: 8207FX | Model: SeaLINK ISO-16

This product is classified as legacy and will be supported with limited, available inventory. Call for current pricing and product availability.

Sealevel will support legacy products through technical and warranty support, software drivers and product manuals. Please contact Sales for further information. For new product designs, we recommend the Seal/O-430U.

The SeaLINK® 8207FX USB digital I/O interface adapter provides 16 optically isolated inputs for connection to devices including sensors, switches, push buttons, and other user inputs.

The inputs can sense both AC and DC voltage while providing optical isolation, which eliminates spikes and surges present in industrial environments. Our unique serial string naming feature allows multiple USB digital I/O devices to retain their specific identity within the system. Onboard removable screw terminals are provided to simplify wiring connections. A DIN rail mounting option is available.

Sealevel's SealO Classic software drivers and utilities make installation and operation easy using Windows operating systems.

To simplify installation and configuration, a printed copy of the USB Digital I/O QuickStart Guide is included with all USB Digital I/O orders.

Important: This product is not supported on systems with USB 3.x ports, regardless of the speed of the USB port it is connected to. If you are a previous customer of non-FX SeaLINK digital I/O adapters, you must update your SealO driver for proper operation of this 8207FX module. Please read this Support Article for details.

Get a jump start on your digital I/O development with The Digital I/O Handbook that will provide helpful information that you will use again and again. Check out Chapter 1 for an overview of logic principles.

Features & Specifications

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Features

- 16 optically isolated AC or DC inputs
- Two 16-pin removable screw terminals simplify field wiring
- Powered by USB connection
- DIN rail mounting option available (Item# DR102)
- Includes 6' USB device cable (Item# CA179)
- Sealevel SealO Classic software supports Microsoft Windows operating systems

Specifications

Board Connector	5.08mm Screw Terminals
Family	SeaLINK
Digital I/O	Isolated Inputs
Dimensions	7.1 (L) x 5.3 (W) x 1.5 (H)
Extended Temperature	Call for Options
Field Wiring	12 – 30 AWG
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Input Range	5-30 VDC
Host Interface(s)	USB
Number of Inputs/Outputs	16 Inputs
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	16
Power Requirement	+5V @ 50mA
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
USB Specification	1.1 Compliant, 2.0 Compatible