USB Digital I/O - SeaDAC

USB to 8 Inputs / 8 Form C High-Current Relay Outputs Digital Interface Adapter

Item # 8232

Control and monitor 8 optically isolated inputs and 8 (SPDT) high-current Form C relay outputs via any USB connection with the 8232. Inputs can range from 5-30VDC and optical isolation protects the computer and other sensitive equipment from voltage transients and ground loops that are common in industrial environments. The high-current Form C relays can switch up to 6A loads at 250VAC and 100VDC. Form C relays can be wired for either normally open or normally closed operation.

SeaDAC modules are housed in a rugged, attractive plastic enclosure and include a highly-retentive USB Type B connector to prevent accidental disconnection. The 8232 is USB bus powered, so no external power supply is needed. Standard operating temperature range of SeaDAC modules is 0° C to 70° C and extended temperature range (-40° C to +85° C) is optional.

The SeaMAX software suite supports the SeaDAC family and is designed to work with third party applications via the SeaMAX API. Installation and operation is easy using Windows 2000/XP and SeaMAX now supports the Windows Vista operating system. Download the updated driver below.

Unique Features

- 8 optically isolated inputs
- 8 SPDT high-current Form C relays
- Removable screw terminals simplify field wiring
- High-retention USB Type B connector prevents accidental disconnection of USB cable
- Powered by USB connection
- Sealevel software supports Windows 2000/XP/Vista operating systems
- Housed in rugged, attractive plastic enclosure
- 72" USB A to B cable included

Technical Specifications

Number of I/O	8 Inputs
	8 Outputs
Power Requirement	+5V @ 500mA
Input Isolation	300V
Input Range	5-30 VDC
Max Contact Voltage	250VAC
	100VDC
Contact Current	6A Max
Contact Operate Time	10ms Max
Contact Release Time	10ms Max
Operating Temperature	0 - +70° C
Storage Temperature	-50° - +105° C
Humidity Range	10 - 90% R.H.
USB Specification	1.1 Compliant
	2.0 Compatible
Dimensions	9.2 (L) x 5.3 (W) x 1.7 (H)

SEALEVEL