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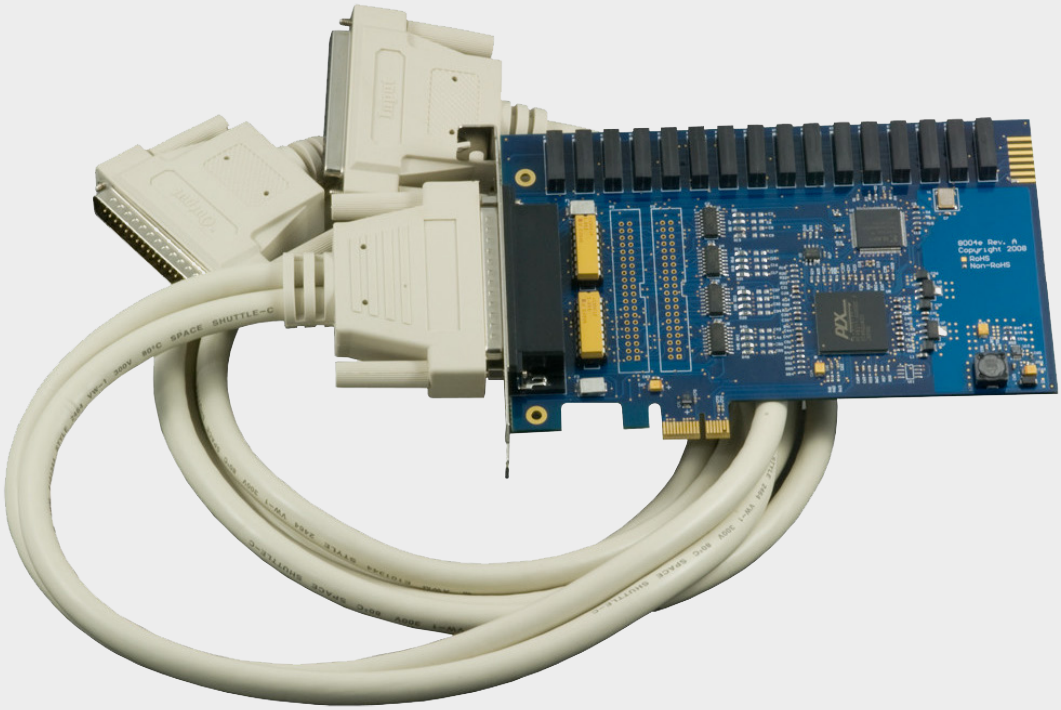
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PCI Express 16 Reed Relay Output / 16 Isolated Input Digital Interface (3-13V)

Part: 8004e | **Model:** DIO-32.PCIE

The 8004e PCI Express digital I/O interface provides 16 optically isolated inputs and 16 Reed relay outputs. The isolated inputs protect the PC and other sensitive equipment from the voltage spikes and ground loop currents that are common to industrial environments. The outputs provide high quality, long-life, dry contact switch closures suitable for low-current applications. Reed relays are normally open and close when energized. The board is PCI Express X1 compliant and is compatible with any PCI Express slot.

The inputs on the 8004e are rated for 3-13V. For 10-30V inputs, order the 8004He.

Sealevel SeaIO Classic software drivers and utilities make installation and operation of the 8004e easy using Microsoft Windows operating systems.

Get a jumpstart 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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Design & Manufacturing Experience
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Features

- Compliant with RoHS and WEEE directives
- PCI Express X1 compliant
- 16 optically isolated inputs
- Socketed dip resistor allows user configurable input range up to +24V
- 16 Reed relay outputs (SPST)
- Highly reliable 10VA DIP Reed relays
- Power (+5V and +12V) and ground provided on DB78 board connector
- Includes 72" cable with DB78 Male connector to DB37 Male and DB37 Female connectors (Item# CA165)
- SeaIO Classic software supports Microsoft Windows operating systems
- Software support for Linux available

Specifications

Board Connector	DB-78F
Cable Connector(s)	(1) DB-37M(1) DB-37F
Contact Current	500 mA
Contact Voltage	100 VDC/VAC
Digital I/O	Isolated Inputs, Reed Relay Outputs
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Input Current	3 – 50mA
Input Isolation	300V
Input Range	3-13 VDC
Host Interface(s)	PCI Express
Number of Inputs/ Outputs	16 Inputs16 Outputs
Operating Temperature	0°C to 70°C (32°F to 158°F)
Output Specification	10VA (10W)
PC Bracket	Standard Height
# of Ports	16/16
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)

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