



# PCI 16 Reed Relay Output / 16 Isolated Input Digital Interface (10-30V)

**Part:** 8004H | **Model:** DIO-32.PCI

Optimized for sensing up to 24V inputs, the 8004H PCI digital I/O interface provides 16 optically isolated inputs and 16 Reed relay outputs. The inputs protect the computer equipment from spikes and ground loop current that can be generated in industrial environments, while the outputs provide high quality, long-life, low-current (10 Watt maximum), dry contact switch closures. The relays are normally open, and close when energized.

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

Sealevel's SealO Classic software drivers and utilities make installation and operation 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

### PCI 16 Reed Relay Output / 16 Isolated Input Digital Interface (10-30V)

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#### Features

- Compliant with RoHS and WEEE directives
- 16 Reed relay outputs (SPST)
- 16 optically isolated inputs optimized for +24V
- Highly reliable 10VA DIP Reed relays
- Power (+5V and +12V) and ground provided on connector
- Universal Bus (3.3V and 5V) compatible
- Includes 72 cable with DB78 Male connector to DB37 Male and DB37 Female connectors (Item# CA165)
- SealO Classic software supports Microsoft Windows operating systems
- Software support for Linux available

#### Specifications

<b>Board Connector</b>	DB-78F
<b>Cable Connector(s)</b>	One DB-37M One DB-37F
<b>Contact Current</b>	500 mA
<b>Contact Voltage</b>	100 VDC/VAC
<b>Digital I/O</b>	Isolated Inputs, Reed Relay Outputs
<b>Extended Temperature</b>	Call for Options
<b>Humidity Range</b>	10 – 90% Relative Humidity, Non-Condensing
<b>Input Range</b>	10-30 VDC
<b>Host Interface(s)</b>	PCI
<b>Number of Inputs/Outputs</b>	16 Inputs 16 Outputs
<b>Operating Temperature</b>	0°C to 70°C (32°F to 158°F)
<b>PC Bracket</b>	Standard Height
<b># of Ports</b>	16/16
<b>Power Requirement</b>	+5V @ 450mA
<b>RoHS Compliant</b>	Yes
<b>Storage Temperature</b>	-50°C to 105°C (-58°F to 221°F)