



PCI 8 Reed Relay Output / 8 Isolated Input Digital Interface (10-30V)

Part: 8012SH | **Model:** DIO-16.LPCI

Optimized for sensing 24V, the 8012SH PCI digital interface provides eight Reed relay outputs (SPST) and eight optically isolated inputs. Reed relays are well suited for low current applications. The relays are normally open, and close when energized.

The 8012SH is Universal Bus (3.3V and 5V) compatible and ships with the standard size PCI bracket to allow installation in a full-size PCI slot. If you have a Low Profile PCI slot, order the 8012H. The inputs on the 8012SH are rated for 10-30V. For 3-13V inputs, order the 8012S.

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

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.

NOTE: The 8012SH, when ordered with standard profile bracket, is a form, fit and function replacement for the 8002 PCI digital I/O adapter.

Features & Specifications

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Features

- Compliant with RoHS and WEEE directives
- Eight Reed relay outputs (SPST)
- Eight optically isolated inputs optimized for +24V
- Highly reliable 10VA DIP Reed relays
- Universal Bus (3.3V and 5V) compatible
- Power (+5V and +12V) and ground provided on connector
- SealO Classic software supports Microsoft Windows operating systems
- Software support for Linux available

Specifications

Board Connector	DB-44F
Contact Current	500 mA
Contact Voltage	60 VDC/ 42 VAC
Digital I/O	Isolated Inputs, Reed Relay Outputs
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Input Range	10-30 VDC
Host Interface(s)	PCI
Number of Inputs/Outputs	8 Inputs 8 Outputs
Operating Temperature	0°C to 70°C (32°F to 158°F)
PC Bracket	Standard Height
# of Ports	8/8
Power Requirement	+5V @ 280mA
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)