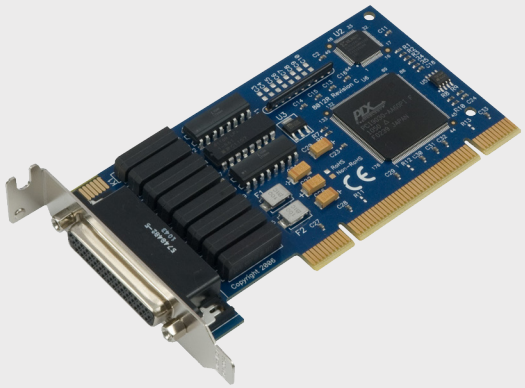

Low Profile PCI 8 Reed Relay Output / 8 Isolated Input Digital Interface (10-30V)

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

Optimized for sensing 24V inputs, the 8012H Low Profile PCI digital interface provides eight Reed relay outputs (SPST) and eight optically isolated inputs supporting 10-30V. Reed relays are well suited for low current applications. The relays are normally open, and close when energized. The board is MD1 Low Profile and Universal Bus (3.3V and 5V) compatible.

The 8012H is for use in Low Profile PCI slots only. Order the 8012SH if you have a standard size PCI slot. The inputs on the 8012H are rated for 10-30V. For 3-13V inputs, order the 8012.

Sealevel's SeaIO 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.

Features & Specifications

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

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

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
- MD1 Low Profile and Universal Bus (3.3V and 5V) compatible
- Power (+5V and +12V) and ground provided on connector
- SeaIO Classic software supports Microsoft Windows operating systems
- Software support for Linux available

Specifications

Board Connector	DB-44F
Contact Current	500 mA
Contact Voltage	100 VDC/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
Input Impedance	3.3 kΩ
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	Low Profile
# of Ports	8/8
Power Requirement	+5V @ 280mA
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)