

# 16-port PCI Express Digital Interface

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

Item # 8004e

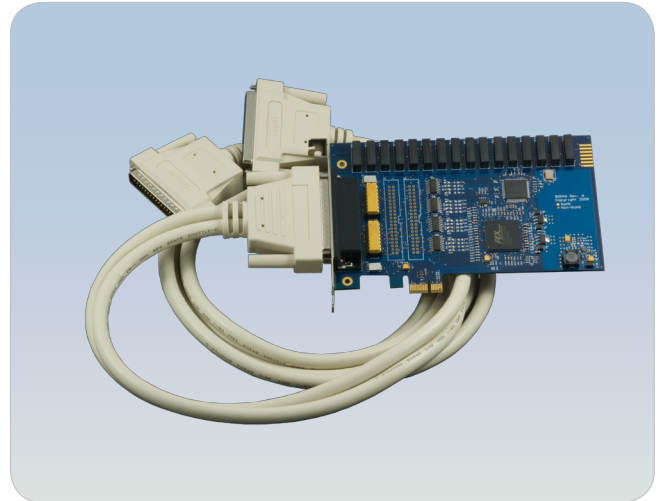
The 8004e PCI Express digital I/O interface provides 16 optically isolated inputs and 16 Reed relay outputs. The isolated inputs protect the PC and other sensitive equipment from the voltage spikes and ground loop currents that are common to industrial environments. The outputs provide high quality, 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 SeaI/O Classic software drivers and utilities make installation and operation of the 8004e easy using Windows 2000, XP and Vista operating systems.

### Unique Features

- ▶ 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)



### Technical Specifications

Number of I/O	16 Inputs / 16 Outputs
Input Range	3-13VDC
Input Isolation	300V
Max. Contact Voltage	100VDC/VAC
Max. Contact Current	500mA
Max. Contact Power	10 VA (10W)
Board Connector	DB78 Female
Cable Connectors	(1) DB37 Male (1) DB37 Female
Operating Temperature	0° - +70°C
Storage Temperature	-50° - +105°C
Humidity Range	10 - 90% R.H.

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