



# PCI Express 16 Isolated Input Digital Interface (3-13V)

**Part:** 8006e | **Model:** ISO-16.PCIe

The 8006e PCI Express digital I/O interface provides 16 optically isolated inputs for connection to devices including sensors, switches, pushbuttons, and other user inputs. The inputs can sense both AC and DC voltage while providing optical isolation, which eliminates spikes and surges present in industrial environments. The board is PCI Express X1 compliant and is compatible with any PCI Express slot.

The inputs on the 8006e are rated for 3-13V. For 10-30V inputs, order the 8006He.

Sealevel SealO Classic software drivers and utilities make installation and operation of the 8006e 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

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Features

- Compliant with RoHS and WEEE directives
- PCI Express X1 compliant
- 16 optically isolated AC or DC inputs
- Power (+5V and +12V) and ground provided on DB78 board connector
- Includes 72" cable with DB78 Male connector to DB37 Female connector (Item# CA489)
- SealO Classic software supports Microsoft Windows operating systems
- Software support for Linux available

Specifications

Board Connector	DB-78F
Cable Connector(s)	(1) DB-37F
Digital I/O	Isolated Inputs
Extended Temperature	Call for Options
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 Inputs
Operating Temperature	0°C to 70°C (32°F to 158°F)
PC Bracket	Standard Height
# of Ports	16
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)