

# PCI - Digital I/O

## PCI 48 Channel TTL Digital Interface

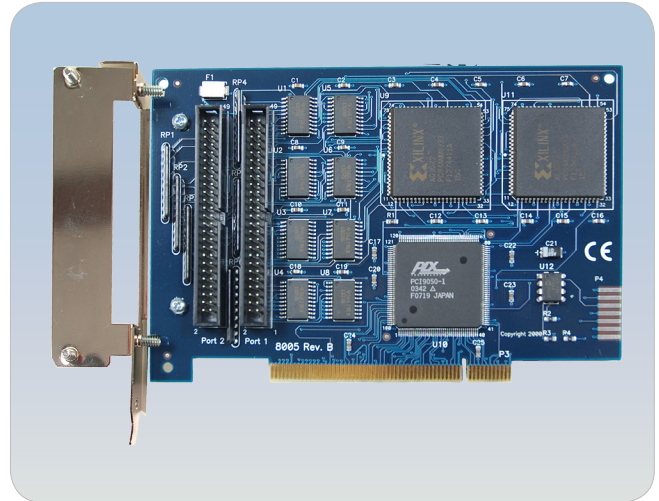
Item # 8005

The 8005 digital I/O interface provides 48 channels of buffered drive digital I/O emulating 8255 mode zero, which can be utilized for PC based control and automation of equipment including sensors, switches, security control systems, and other industrial automation systems. 10K pull-up resistors are included. Optional values are available.

The PIO-48.PCI digital I/O interface board contain 6 groups of eight-bit I/O ports, configurable as inputs or outputs to suit the automation task.

### Unique Features

- ▶▶ 48 channels of buffered TTL I/O
- ▶▶ Each 8-bit port individually configurable as input or output
- ▶▶ 8255 mode 0 compatible
- ▶▶ 10K pull up resistors on each bit
- ▶▶ +5V power and ground provided on connector
- ▶▶ Two industry standard 50-pin solid-state relay rack connectors



### Technical Specifications

Number of Channels	48 (TTL)
Power Requirement	+5V @ 1A
Output Specifications	Sink up to 24mA Source up to 15mA
Connectors	(2) 50-Pin Headers
Operating Temperature	0 - +70° C
Storage Temperature	-50° - +105° C
Humidity Range	10 - 90% R.H.

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