



PCI 48 Channel TTL Digital Interface

Part: 8005 | **Model:** PIO-48.PCI

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 contains 6 groups of eight-bit I/O ports, configurable as inputs or outputs to suit the automation task.

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.

Features & Specifications

PCI 48 Channel TTL Digital Interface

Part: 8005 | Model: PIO-48.PCI

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
- SealO Classic software supports Microsoft Windows operating systems
- Software support for Linux available

Specifications

Board Connector	(2) 50-Pin Headers
Digital I/O	TTL I/O
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	PCI
Number of Inputs/Outputs	48 (TTL)
Operating Temperature	0°C to 70°C (32°F to 158°F)
Output Specification	Sink up to 24mA, Source up to 15mA
PC Bracket	Standard Height
# of Ports	48
Power Requirement	+5V @ 1A
Storage Temperature	-50°C to 105°C (-58°F to 221°F)