



ISA 16 Optically Isolated Input Digital Interface

Part: 3094 | **Model:** ISO-16

The 3094 ISA digital I/O interface provides 16 optically isolated inputs. The inputs protect the PC and other sensitive equipment from spikes and ground loop current that can be generated in industrial environments.

The inputs on the 3094 are rated for 3-13V. For 10-30V inputs, order the 3094H.

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.

Note: This item has a minimum order quantity (MOQ) of 25 units. Please contact your sales representative with any questions.

Features & Specifications

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Features

- 16 optically isolated AC or DC inputs
- Socketed dip resistor allows user-configurable input range up to +24V
- Power (+5V and +12V) and ground provided on connector
- Supports interrupts 2/9 – 7
- Selectable port addressing (100H – 3FFH)
- Seal/O Classic software supports Windows 98, ME, NT, 2000, XP and Vista operating systems
- Software support for DOS, Linux, Windows 3.1 and Windows 95 available

Specifications

Board Connector	DB-37F
Digital I/O	Isolated Inputs
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Input Isolation	400V (Optical)
Input Range	3-13 VDC
Host Interface(s)	ISA
Number of Inputs/Outputs	16 Isolated Inputs
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	16
Power Requirement	+5V @ 200mA
Storage Temperature	-50°C to 105°C (-58°F to 221°F)