

PC/104 - Digital I/O

PC/104 16 Optically Isolated Input Digital Interface

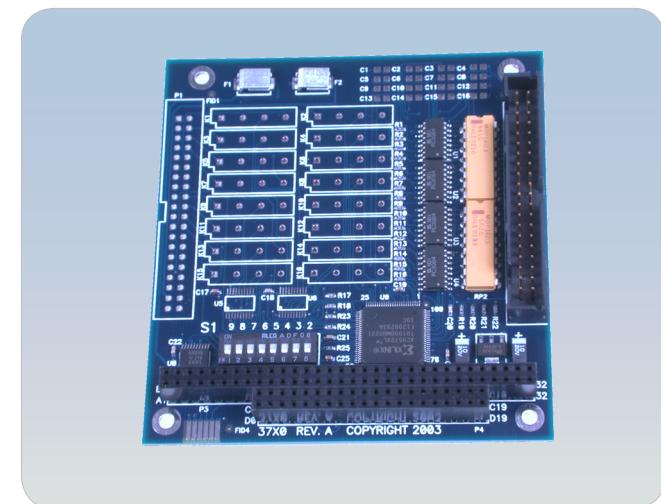
Item # 3720

The 3720 PC/104 digital I/O interface provides 16 optically isolated inputs for connection to devices including sensors, switches, push buttons, 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 inputs on the 3720 are rated for 3-13V. For 10-30V inputs, order the 3720H.

Unique 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
- » Right-angle connector available for OEM opportunities, 40-pin vertical header standard



Technical Specifications

| | |
|-----------------------|----------------|
| Number of I/O | 16 Inputs |
| Power Requirement | +5V @ 125mA |
| Input Range | 3-13 VDC |
| Connector | 40-Pin Header |
| Operating Temperature | 0 - +70° C |
| Storage Temperature | -50° - +105° C |
| Humidity Range | 10 - 90% R.H. |