The PIO 48 is an ISA compatible half card that provides 48 programmable digital I/O channels.

It is suitable for sensing the presence of or driving TTL connections only. There is provision for a set of on board pull up resistors to enable the board to be used to detect contact closures on push buttons, relay contacts etc.

All input/output lines are available on an industry standard 50 way D-type plug connector. A very versatile cost effective board for a wide range of uses.
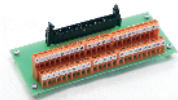
## Key Features

48 digital channels

Programmable as input or output

Configurable under software control

5 volt TTL logic signals

## Options

1 metre cable with IDC and D type connector
(P/N 1371 0071)

50 way screw terminal adapter
(P/N 1981-0004)

Windows® 98/2000, Windows NT® and Windows XP® drivers

| Technical Specification | |
|---|---|
| Programmable I/O Channels | 48 |
| Signal Compatibility | 5 Volt TTL Logic |
| Maximum I/O voltage | 5 Volts |
| Timers | 2 x 16 bit (TTL level) |
| I/O logic high level | > 2.4 Volts |
| Maximum output sink current | 1.7mA @ 0.45 Volts |
| Maximum output source current | 100µA @ 2.4V |
| Power requirement | 5 Volts DC @ 150mA typical |
| Dimensions | 107mm (H) x 132 (L) mm |
| Connectors | PIO-48: One 50 way male IDC connector<br>PIO-48d: One way male D type connector |

INVESTOR IN PEOPLE

CE

RoHS Compliant 2002/95/EC

BS EN ISO 9001:2000
Certificate No FM 33069