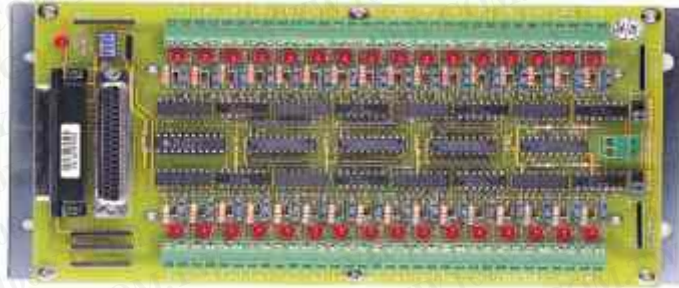


PI-910

## 32 channels optically isolate digital input expansion board



勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-54151736  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

- ▶ 32 channel optically isolated digital input
- ▶ Jumper setting voltage or dry contact input modes
- ▶ On-board LEDs to indicate the input status
- ▶ Built-in signal conditioning circuitry
- ▶ Isolated voltage 2500V
- ▶ All input are buffered with voltage comparators
- ▶ Adjustable threshold voltage by replacing threshold resistors
- ▶ Built-in screw terminals for easy wiring
- ▶ Accept wire size 18 to 22 AWG
- ▶ Compatible to all INLOG PC-card series with D/I channels
- ▶ Low pass filter for each input channel

### Specifications:

- ▶ Input channels :32 channels
- ▶ Voltage Input :5Vdc to 24Vdc
- ▶ Dry contact input :Jumper selectable external or internal (+12V) detecting power supply
- ▶ Input resistance :1K 1/2W
- ▶ Threshold voltage :2.0Vdc adjustable by replacing threshold resistors
- ▶ Isolated voltage :2500Vdc
- ▶ Channel status :5 mm LEDs
- ▶ Input isolator :PC847 (quad isolators)
- ▶ Voltage input mode :logic "1": 5V to 24V/ logic "0": <2.4V
- ▶ Dry contact input mode :logic "1": closed/ logic "0": opened
- ▶ Screw terminal :Accept #12 to #22 AWG wires

#### Mechanical:

- ▶ Dimension :132mm(W)x229mm(L)
- ▶ Board Type :2-Layer P.C.B
- ▶ Power Supply :+5V, +12V
- ▶ Power Consumption :+5VDC/1A(max), +12V/200mA(max)

#### Environmental:

- ▶ Operating temperature :32 to 140F(0 to 60° C)
- ▶ Storage temperature :-4 to 248F(-20 to 120° C)

#### Ordering information:

- ▶ PI-910 :32 channels optically isolate digital input expansion board
- ▶ [PI-464](#) :64 channels digital I/O card with interrupt
- ▶ PI-CBLD10 :1m flat cable with 37-pin D type male connectors
- ▶ PI-CBLD20 :2m flat cable with 37-pin D type male connectors

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