

PM-3001

PC/104 module with two isolated CAN, eight isolated DI and eight isolated DO

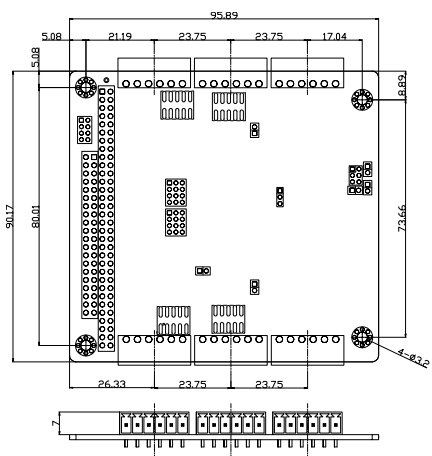


Specifications

System Hardware

- ◆ Bus Interface
PC/104
- ◆ Digital Input Signals
8-port isolated digital input
- 2000 VDC isolated protection
- 2000 VDC ESD protection
- 70 VDC over-voltage protection
- 0 VDC~ 50 VDC input range & 10 kHz speed
- Dry contact levels (0: GND, 1: Open)
- Wet contact levels (0: +2V Max, 1: +4V ~ +50V)
- ◆ Digital Output Signals
8-port Isolated Digital Output
- 2000 VDC isolated protection
- 2000 VDC ESD protection
- 200 mA max/channel sink current
- 5 VDC~ 30 VDC output range and 10 kHz speed
- ◆ CAN Communication Interface
2-channel Isolated CAN
- Compatible with CAN specifications 2.0
- 3000VDC isolated by photo coupler for dual ports.
- ◆ Power
Power Input: 5 VDC (2.5 W minimum)
- ◆ Environmental
Operating Temperature: 0°C ~ 60°C
Humidity: 5% ~ 85% RH without condensation
- ◆ Driver Support
Windows® 2000, Windows® XP, Windows® XPe and Windows® CE 5.0

Dimensions (Unit : mm)



Packing List

- 1x PM-3001
- 1x Utility CD including SDK, utilities, and technical documentations
- 1x Screw kit

Ordering Information

Part No.	Description
PM-3001-R10	PC/104 module with two isolated CAN, eight isolated DI and eight isolated DO

PM-3002

PC/104 module with a four channel counter/timer, 16 isolated DI and 16 isolated DO

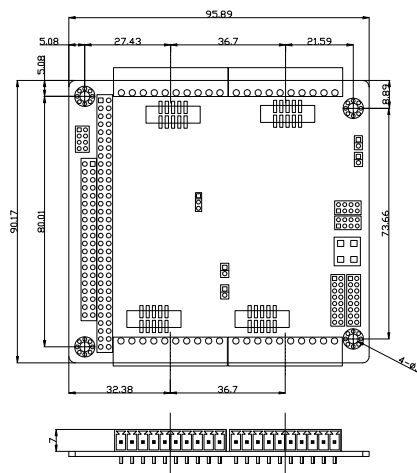


Specifications

System Hardware

- ◆ Bus Interface
PC/104
- ◆ Digital Input Signals
- 2000 VDC isolated protection
- 2000 VDC ESD protection
- 70 VDC over-voltage protection
- 0 VDC ~ 50 VDC input range & 10 kHz speed
- Dry contact levels (0: GND, 1: Open)
- Wet contact levels (0: +2V Max, 1: +4V ~ +50V)
- ◆ Digital Output Signals
16-port isolated digital output
- 2000 VDC isolated protection
- 2000 VDC ESD protection
- 200 mA max/channel sink current
- 5 VDC ~ 30 VDC output range and 10 kHz speed
- ◆ Counter / Timer
4x 16-bit:
- Counter source: DI6 & DI7 , DI14&DI15
- Pulse output: DO6 & DO7 , DO14&DO15
Can be cascaded as one 64-bit counter/timer, Down counting, preset counting value, interrupt handling, Timer
- time base: 100/10/1 kHz, 100 Hz
- ◆ Power
Power Input: 5 VDC (2.5 W minimum)
- ◆ Environmental
Operating Temperature: 0°C ~ 60°C
Humidity: 5% ~ 85% RH without condensation
- ◆ Driver Support
Windows® 2000, Windows® XP, Windows® XPe and Windows® CE 5.0

Dimensions (Unit : mm)



Packing List

- 1x PM-3002
- 1x Utility CD including SDK, utilities, and technical documentations
- 1x Screw kit

Ordering Information

Part No.	Description
PM-3002-R10	PC/104 module with a four channel counter/timer, 16 isolated DI and 16 isolated DO

1
Industrial
Computing
Solutions

2
Embedded
Computing
Solutions

3
RISC-Based
Embedded
Solutions

4
Industrial
Data
Collector/
Server
Solutions

5
Video
Capture
Solutions

6
I/O
Communication
Solutions

7
Panel
Solutions

8
Power Supply/
Network
Communication/
Peripherals