

### PM-3001

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

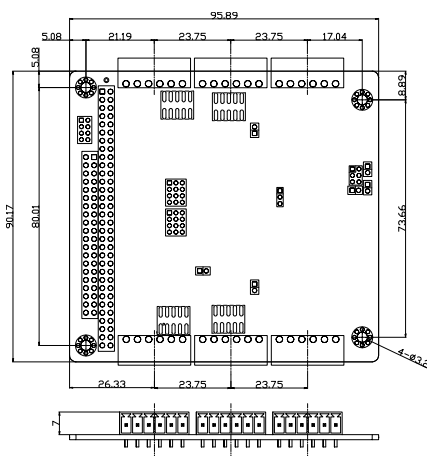


#### Specifications

##### System Hardware

- ◆ Bus Interface
  - PC/104
- ◆ Digital Input Signals
  - 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

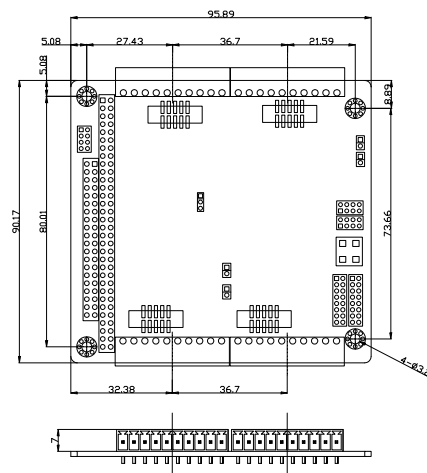
Part No.	Description
PM-3001-R10	PC/104 module with two isolated CAN, eight isolated DI and eight isolated DO

#### 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