

PM-3003

PC/104 module with eight isolated DI and eight isolated DO and two channel AI

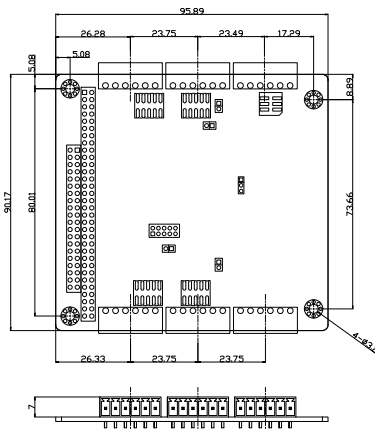


Specifications

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
- ◆ Analog Input Signals
 - 2-ch Thermocouple Inputs
 - JKTE type
 - Input range: ± 15 mV, ± 50 mV, ± 100 mV, ± 500 mV, ± 1 V, ± 2.5 V, ± 20 mA
 - T/C types and temperature ranges : J : 0°C ~ 760°C, K : 0°C ~ 1370°C, T : -100°C ~ 400°C, E : 0°C ~ 1000°C
- ◆ Power
 - Power Input: 5 VDC (2.5 W min.)
- ◆ Environmental
 - Operating Temperature: 0 ~ 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-3003
- 1x Utility CD including SDK, utilities, and technical documentations
- 1x Screw kit

Ordering Information

Part No.	Description
PM-3003-R10	PC/104 module with eight isolated DI and eight isolated DO and two channel AI

PM-3004

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

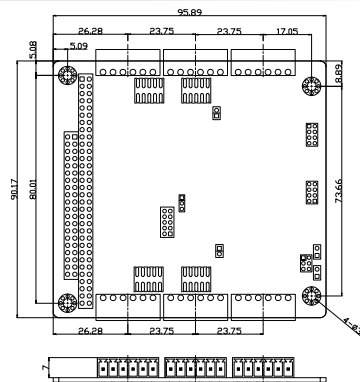


Specifications

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
- ◆ Analog Input Signals
 - 2-ch Thermocouple Inputs
 - JKTE type
 - Input range: ± 15 mV, ± 50 mV, ± 100 mV, ± 500 mV, ± 1 V, ± 2.5 V, ± 20 mA
 - T/C types and temperature ranges : J : 0°C ~ 760°C, K : 0°C ~ 1370°C, T : -100°C ~ 400°C, E : 0°C ~ 1000°C
- ◆ CAN Communication Interface
 - 2-ch Isolated CAN
 - Compatible with CAN specifications 2.0
 - 3000 VDC isolated by photo coupler for dual ports.
- ◆ Power
 - Power Input: 5 VDC (4.5 W min.)
- ◆ 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-3004
- 1x Utility CD including SDK, utilities, and technical documentations
- 1x Screw kit

Ordering Information

Part No.	Description
PM-3004-R10	PC/104 module with two isolated CAN, eight isolated DI and eight isolated DO and two channel AI