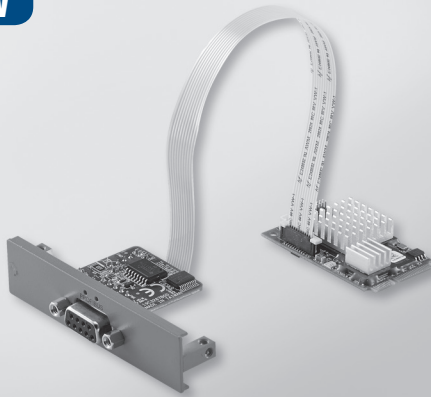


PCM-26D1PB

1-Port Hilscher netX100 FieldBus
mPCIe, ProfiBus, DB9

NEW



Features

- Meets Advantech Standard iDoor Technology
- PCI Express® Mini Card Specification Revision 1.2 compliant
- Supports Hilscher Profibus Protocol Library
- High speed transmission up to 12 Mbps
- Supports 32-bits/64-bits Windows 2000/XP/Vista/7,
- I/O address automatically assigned by PCIe plug & play
- Includes Hilscher Development Library and examples
- Supports Embedded Automation Computers UNO-2200/2300/2400 series
- Supports Embedded DIN-Rail Controller UNO-1200/1300/1400 series
- Supports Embedded BOX IPC UNO-3000 series
- Supports Embedded Automation Panel Computers TPC-xx82/xx72/xx80 series

Introduction

The PCM-26 series is categorized as Industrial Communication with Fieldbus Protocol modules from Advantech iDoor Technology. They are all compatible with the PCI Express® Mini Card Specification Revision 1.2, including Isolated / Non-Isolated RS-232/422/485 communication cards for automation control, Wi-Fi/3G/GPS/GSM/LTE wireless communication models for data exchange during the management and machine level of automation application, Zigbee module as an IoT terminal or controller and PoE function for smart camera in detect inspection application of production. This is a flexible design that enables customers to customize their features which meet iDoor Technology.

Specifications

General

- Bus Type** PCI Express Mini Card Revision 1.2
- Certification** CE, FCC class A
- Connectors** 1x Female DB9
- Dimensions** Module: 51 x 30 x 12.4mm (2" x 1.18" x 0.49")
I/O Plate: 81 x 19.4 x 41mm (3.19" x 0.76" x 1.61")
- Power Consumption** Typical : +3.3 V @ 650mA

Communications

- Controller** Hilscher netX100
- Transceiver** TI ISO1176
- Protocol** Profibus DP V1
- Signal Support** RxD/TxD-P, RxD/TxD-N
- Speed** 9600bps ~ 12Mbps
- Termination Resistor** 120 ohm (Provided by Profibus Connector)

Protection

- Isolation Protection** 2,500 V_{DC}
- ESD Protection** 16 KV

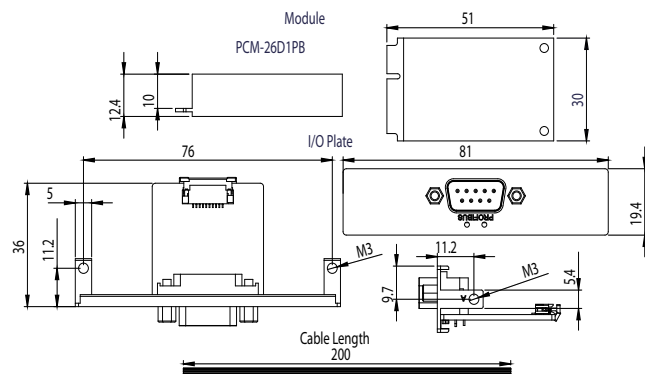
Software

- OS Device** Windows 2000/XP/Vista/7 (x86 and x64)
- Utility** sycon.net

Environment

- Humidity(Operating)** 5-95% RH, non-condensing
- Operating Temperature** -20 ~ 60°C (-4 ~ 140°F)
- Storage Temperature** -40 ~ 85°C (-40 ~ 185°F)

Dimensions



Ordering Information

Part Number	Description
PCM-26D1PB-AE	Hilscher netX100 FieldBus, ProfiBus, DB9 x 1

Protocol Specifications

	PROFIBUS Slave	PROFIBUS Master
Slaves max.	-	125
Cyclic data max.	488 Bytes (IOCR)	7168,244 Bytes / Slave
Acyclic Read/Write	240 bytes	240 bytes
DPV1 Class 1,2:	yes	yes
Configuration Data	244 Byte	244 Bytes/Slave
Application-Specific Parameters	237 Bytes	237 Bytes/Slave