I-8172
2-port FRnet module

Model:I-8172

Functional Description

The ICPDAS WinCon-8000, LinCon-8000 and I- 8000 series modules are all Programmable Automation Controller (PAC) that use an I-8172 FRnet communication module to implement an FRnet network. The I-8172 is an isolated FRnet communication controlers. The I-8172 has two FRnet ports, each FRnet port can control a maximum of 16 communication nodes, numbered from 0 to 15. Each single node of the remote I/O module can control a maximum of 16 DI/DO channels. In other words, each FRnet port can control a maximum of 128 DI and 128 DO channels.

Applications

- Industrial Automation
- Remote I/O control
- Building Automation
- Parking Lot Management

Specifications

- Communication speed: 250Kbps
- Cyclic Scan time:
  128 input/128 output points@2.88 ms
- Communication distance: 400m max
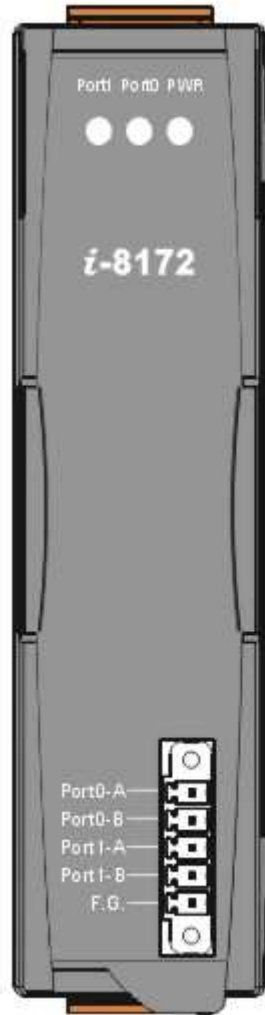- Wire cable: (shielded) Twisted-pair cable

General Specifications

- Power consumption:1.25W Max.
- Operating temperature: -25ˇXC ~ +75ˇXC
- Operating humidity: 10% ~ 90% RH, non-condensing
- Storage temperature: -30ˇXC ~ +85ˇXC
- Storage humidity: 5% ~ 95% RH, non-condensing

Ordering information

I-8172	2-port FRnet module

I-8172 Hardware

PIN Assignment

Terminal No.	Pin Assignment Name
01	Port0-A
02	Port0-B
03	Port1-A
04	Port1-B
05	F.G.