

FL-net PCI Interface



FL-net is a control network, primarily used for interconnection of devices such as PLCs, Robot Controllers and numerical Control Devices. It features both cyclic and acyclic data exchange capabilities, and uses a token-based communication scheme for data transmission.

The Anybus PCI FL-net card allows easy implementation of 10Mbit FL-net interfaces into devices equipped with a PCI slot, such as industrial PCs etc. The card provides full FL-net Class 1 functionality. It is available with a 2 kByte Parallel Dual Port Ram interface on PCI side which is fully interchangeable with all other Anybus PCI cards.

The module also support possibility to customise both the identity and the profile information. The FL-net interface can handle both shielded (FTP) and unshielded (UTP) cables.

This Anybus PCI card comes with driver support for the 3S soft-PLC program. If you want to develop your own Windows applications this is made easy using the Anybus API driver package (Anybus Transport Provider). This offers a standardized dll API with simple functions for card initialization and process data exchange.

KEY FEATURES

- Customizable identity/profile information
- up to 512 bytes cyclical I/O in each direction
- On-board protocol processor unloads host device
- Operates at 3.3 or 5 VDC
- FL-net Class 1 node

TECHNICAL SPECIFICATIONS

Size: 100 mm x 120 mm x 22 mm
Power Supply: 3.3 or 5 VDC
Temperature: 0-55°C
Current Consump: 600 mA max
Baud Rate: 10 Mbit/s
I/O Input: 512 bytes
I/O Output: 512 bytes
Appl Interface: PCI
Order Code: AB3510