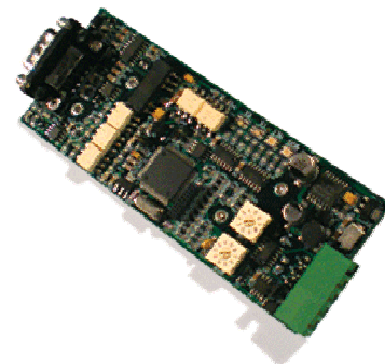![ProSoft Technology logo]

DATASHEET

DeviceNet™ to ASCII OEM Module
1799WR-DASCII

The DeviceNet™ to ASCII OEM Module is a cost effective solution that provides a mechanism for moving ASCII data into your control system through a DeviceNet network. This interface card has been designed to be panel or DIN-rail mounted (DIN-rail brackets included) to an OEM machine enclosure. This flexible interface card can be used with any serial ASCII device that requires an RS-232, RS-422, or RS-485 connection.

DeviceNet Features:
- Meets ODVA DeviceNet specification
- Gateway is powered from the DeviceNet network
- Pluggable 5-pin DeviceNet connection
- Communications Device Profile 12
- Address selection via DIP switches
- Autobaud operation
- Supports Polled I/O, Cyclic I/O, Change-of-State (COS), and Explicit Messaging
- Standard DeviceNet Module and Network status LEDs

ASCII Features:
- 1 DB9 male RS-232, RS-422, or RS-485 port
- Serial port baud rate up to 115.2k baud
- DeviceNet Adapter
- Software Configurable Parameters
- Supports string lengths up to 250 bytes
- Special mode performs byte swapping of serial messages for PAC/ PLC compatibility
- 2 serial transmit and receive activity LEDs

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All mating connectors are optional and must be ordered separately.

Hardware Specifications

Specification	Description
Serial Baud Rate Selection	AutoBaud or software selectable (1200 through 115.2k baud)
Cable Connection	**Serial**: DB9 (male) **DeviceNet**: 5-pin pluggable header (male) Phoenix Contact MSTBA 2.5/5-G-5.08/AU or equivalent **Plugs**: Phoenix Contact MSTB 2.5/5-ST 5.08/AU or equivalents included
LED Indicators	MS Module Status: green/red bi-color NS Network Status: green/red bi-color RX: green TX: green
Maximum Power	Network Isolation: 50 Vdc (continuous) Current: 20 mA @ 24 Vdc (maximum) Power Consumption: 0.5 W
Operating Temp	-20 ºC to 70 ºC
Humidity	Up to 95% RH, with no condensation

Ordering Information

1799WR-DASCII

DeviceNet to ASCII OEM Module

How to Contact Us: Sales and Support

Sales and Technical Support for this product are provided by ProSoft Technology. Contact our worldwide Sales or Technical Support teams directly by phone or email:

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