

Serial to Serial MicroGate

- 2 Serial Ports with DB9 Connectors
 - Network Port (Slave, 2-Wire or 4-Wire RS485)
 - Local Port (Master, RS232 or 2-Wire RS485)
- Built-in configuration utility via ANSI terminal program (HyperTerminal, etc.)
- Baud Rate, Data Bits, Stop Bits, etc. are configured independently for each port
- 3 LED Status indicators
 - Device Status
 - Network Port Activity
 - Local Port Activity
- External wall-mount 5VDC power supply is available

Supported Applications

- Modbus Network to Siemens SED2 Variable Frequency Drive
- P1 Network to Square D / Telemecanique Altivar 58/61 Drive
- Modbus Protocol Converter (RTU to/from ASCII and Enron to/from Generic)

Base Protocols

- Siemens Building Technologies P1
- Altivar 58/61 Modbus RTU
- Siemens SED2 USS
- Generic Modbus RTU
- Generic Modbus ASCII
- Enron Modbus RTU
- Enron Modbus ASCII

Other Protocols Available

- Johnson Controls N2
- BacNet
- Siemens S7-200 PPI
- Allen-Bradley DF1

Technical Data

Physical

Dimensions	<i>1.68" w x 3.6" h x .794" d</i>
Enclosure	<i>Plastic housing</i>
Mounting	<i>N/A</i>
Weight	<i>1.6 oz.</i>

Environmental

Operational temperature	<i>0° to +70° C</i>
Humidity	<i>0 to 95 percent (non-condensing)</i>

Power Requirements

Voltage	<i>5 Vdc</i>
Fuse	<i>Unfused</i>
Power supply	<i>2-position polarized DC</i>

LED Indicators

Ports 1, 2 activity Operating status	<i>Two Bi-Color LED's to indicate Port activity (TX/RX), One Bi-Color LED to indicate Micro Gate operating status</i>
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Interface

2 Ports	<i>DTE (Network) DB-9 Male (RS-485, 2-wire or 4-wire selectable) DCE (User) DB-9 Female (RS-232 or 2-wire RS485 selectable) DCE port is used for configuration</i>
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Communication Options

Baud Rate	<i>1200-115200 bps</i>
Data Bits	<i>7 or 8</i>
Stop Bits	<i>1 or 2</i>
Parity	<i>None, Even, Odd</i>
RTS control	<i>RTS/CTS Flow Control or RTS Delay for RF applications</i>