



# P485

## PROTOCOL CONVERTER

## Modbus to Profibus Converter

### KEY BENEFITS

- Integrate GE relays, meters or other Modbus-compliant devices into Profibus networks
- Maintain monitoring and control functionality of integrated Modbus devices in a Profibus Network
- Easy-to-use, PC-based EnerVista Setup Software for simple configuration
- Integrate your protection and automation systems into one network

### FEATURES

- Connects up to 10 Modbus devices to a Profibus network
- Contains pre-configured memory maps for specific GE Multilin devices
- Complete Profibus-DP slave functionality as per IEC 61158
- Supports standard Profibus functions including:
  - Synchronous commands
  - Freeze last Data
  - Communications Watchdog
- Supports Profibus baud rate of 9.6Kbps to 12 Mbps
- Profibus interface supported: RS485
- Acts as a master to Modbus RTU devices
- Supports Modbus baud rate of 1200bps to 57600bps
- Modbus interfaces supported: RS232, RS422, RS485
- Supports up to 50 Modbus Transactions
- 416 bytes of total data exchange
  - Up to 244 bytes of data to Modbus devices
  - Up to 244 bytes of data to Profibus master
- Configured using the EnerVista P485/D485 Setup Software
- Upload common configuration files to multiple P485 devices
- DIN-rail mountable
- 24 VDC input power
- CE, UL and cUL certified

### Communications

The P485 Modbus to Profibus Converter acts as a gateway between a Modbus RTU network and a Profibus-DP network. Integration of Modbus devices into Profibus networks is enabled without loss of functionality, control, and reliability, both when retrofitting to existing equipment as well as when setting up new installations. The P485 Modbus to Profibus Converter is an external DIN-rail mounted device which provides Profibus network connectivity to Modbus devices via a serial RS232/RS422/RS485 interface. The P485 is programmed using the P485/D485 configuration cable and the EnerVista P485/D485 Setup Software.

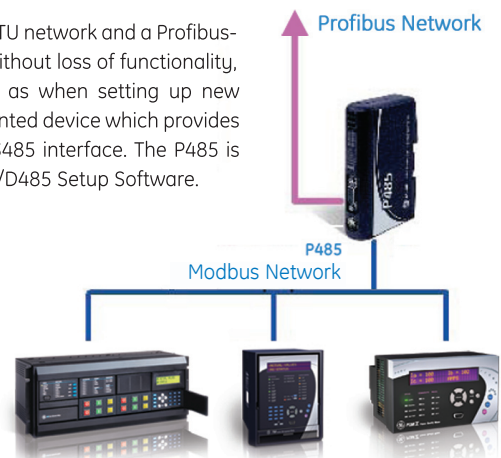
### P485 Guideform Specifications

For P485 guideform specifications, visit: [www.GEMultilin.com/specs](http://www.GEMultilin.com/specs), fax your request to 905-201-2098 or email to [literature.multilin@ge.com](mailto:literature.multilin@ge.com).

### Ordering

#### P485 Converter Selection Guide

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P485	P485 Modbus to Profibus Converter
C	P485/D485 Configuration Cable



Connect multiple Modbus devices to a Profibus network