

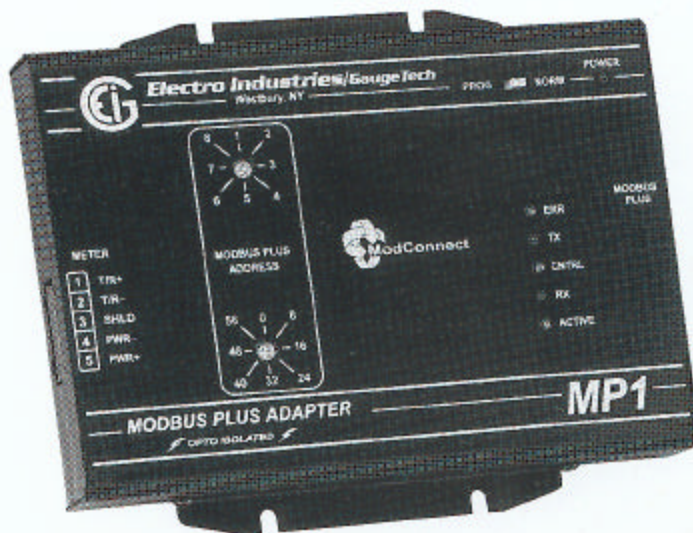
Modbus Plus Adapter

For DMMS 300+ and Futura+ Monitors

MP1

Features

- Ultra high-speed communications
- Supports global data broadcasting
- Opto-isolation protects against spikes and surges to 2500 volts
- Available for *all* DMMS 300+ and Futura+ meters — old and new
- Upgradable flash RAM
- Derives power from attached meter — no power supply needed



Add the Power of Modbus Plus Polling

The MP1 adapter allows DMMS 300+ and Futura+ power monitors to communicate over Modicon Modbus Plus networks. This option upgrades the monitor from a Modbus slave to a Modbus Plus peer, allowing it to take advantage of the speed of the Modbus Plus architecture.

Modbus uses a master-slave arrangement in which the master device polls one or more data-collecting slaves. Modbus Plus improves upon this: In its token-ring arrangement, all the devices are peers, and the peers take

turns polling one or more of the other peers.

The MP1 allows a monitor to become just another node (of up to 64) on a Modbus Plus network. It can be polled by other nodes on the same network, or by nodes on adjacent bridged networks. Each poll can request up to 100 registers of Modbus data. A monitor equipped with an MP1 can handle eight independent requests for information at a time.

Global Data Broadcast Support

The MP1 supports Modbus Plus global register broadcasts. A

Modbus Plus node sends up to 64 bytes of data every time it passes the token. The MP1 can be configured to globally broadcast any 32 registers. This information is available to and can be acted on by any or all other nodes on the same network.

Ordering Information

Order MP1 as an option for your Futura+ and DMMS 300+ meters, or purchase it separately as an upgrade.

Dimensions (without bracket): 4 $\frac{5}{8}$ " high x 6 $\frac{13}{16}$ " wide x 1" deep.

Example: DMMS 300+ ... -MP1

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