



PROFIBUS DP Slave Communication Module MVI56-PDPS

With the growing usage of the PROFIBUS DP protocol in the industrial marketplace, this product has a wide variety of application uses. Industries that use this technology include:

- Power and distribution applications
- Petrochemical
- Water and Gas Applications
- SCADA and DCS applications

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PROFIBUS DP Slave Communication Module

MVI56-PDPS

The MVI56 PROFIBUS DP Slave Communication Module allows Rockwell Automation ControlLogix I/O compatible processors to interface easily with a PROFIBUS DP Master device.

Features and Benefits

The PROFIBUS DP Slave protocol driver supports the PROFIBUS V0 Slave implementation, providing powerful data transfer capability between the module and Rockwell Automation ControlLogix processors. User configurable data mapping and DP port operation make the interface an easy to use and powerful data transfer tool.

The MVI56 module Configuration/Debug Serial port connects a PC to the module for configuration, status, monitoring, and troubleshooting (Serial cable is included with product shipment). After editing on a PC, a configuration file is downloaded and stored on the MVI56 module.

The PROFIBUS DP Slave gives access to the unit's input and output images with up to 244 bytes of Input and Output data, for a maximum of 400 bytes total. These Input and Output data blocks are mapped by the user within the inRAx module's data memory allowing maximum flexibility and data transfer with other protocols.

General Specifications

- Single Slot – 1756 backplane compatible
- The module is recognized as an Input/Output module and has access to processor memory for data transfer between processor and module
- Ladder Logic is used for data transfer between module and processor. Sample ladder file included.
- Configuration data obtained from configuration text file downloaded to module. Sample configuration file included
- Local or remote rack

