



PROFIBUS DPV1 Master Communication Module

PS69-DPM

The PS69 PROFIBUS DP Master module expands the functionality of Rockwell Automation's CompactLogix™ family of processors to include PROFIBUS. This module supports both I/O control and messaging, thus integrating DPV0 and DPV1 functionality into CompactLogix.

The PS69-DPM is a CompactLogix I/O compatible, PROFIBUS certified module, which enables controllers to communicate with a PROFIBUS network. The configuration and diagnostic of the PROFIBUS system is done via the serial diagnostic interface of the module using the System Configuration tool PROSOFT.fdt (SYCON.net). The data exchange between controller and module is done via the I/O process data image using CompactLogix / MicroLogix™ backplane technology.

Features and Benefits

Features	Benefits
PROFIBUS certified	Recognized quality certification mark
FDT configuration software and communication DTM included	Module DTM will configure master module and network slave devices. The DTM can be used in many FDT compatible software containers
Sample ladder program	Simplifies integration for quick and easy project start-up
Supports CIP ladder logic messaging	Request diagnostic, status and slave data based on ladder events. Offer better cyclic data performance

Configuration

The Configuration for the PS69-DPM is done with our next generation configuration tool PROSOFT.fdt (SYCON.net). The configuration software and communication DTM are included with the module allowing easy configuration of the Master module and network slave devices. The DTM can be used in any FDT compatible software container.

The configuration is transferred via the serial diagnostic interface and stored in the FLASH memory of the PS69-DPM module.

Product Comparison

	MVI69-PDPMV1	PS69-DPM
High-end network volume capacity	✓	
Cross-platform similarity	✓	
Personality Module (CF)	✓	
Cyclic I/O (words)	768 (3.5X)	204 in/240 out
FDT communication support (serial only)	✓	✓
PROFIBUS PNO Certified		✓
FDT Master configuration		✓
FDT Network configuration		✓
CIP Messaging (better performance, ladder communication)		✓
Lower Cost		✓

DPV0 Services Supported

- Fail Safe Mode
- Global Control
- Sync and Freeze
- Watchdog

