

## PROFIBUS®-DP Module

RJ71PB91V

PROFIBUS® system compatible

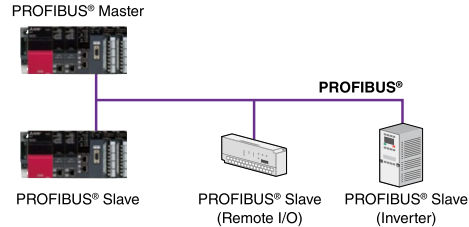


PROFIBUS® is an industrial fieldbus developed and maintained by the PROFIBUS&PROFINET International (PI). PROFIBUS® is a well-known and widely used network originating from Europe.



### Connection to PROFIBUS® compatible devices

This module can be used as a PROFIBUS®-DP master station supporting integration of compatible slave devices into the control system. In addition, the module can be used as a slave station in the PROFIBUS® system.



### PROFIBUS®-DP module specifications

Item		RJ71PB91V
PROFIBUS®-DP station type		Class 1 master or slave station (either one can be selected)
Transmission speed (bps)		9.6k...12M
Max. number of connectable modules (per segment)		32 (including repeaters)
Max. number of connectable modules (per network)		126 (including master and slave stations)
I/O data size		
Master station	Max. input data (byte)	8192 (max. 244 per slave station)
	Max. output data (byte)	8192 (max. 244 per slave station)
Slave station	Max. input data (byte)	244 (total I/O data: max. 384)
	Max. output data (byte)	244 (total I/O data: max. 384)
Setup software		
PROFIBUS® configuration tool		SW1DNN-PROFIBDCT-ED*1

\*1. To obtain the software, please contact your local Mitsubishi Electric office or representative.

## DeviceNet® Master/Slave Module

RJ71DN91

DeviceNet® system compatible

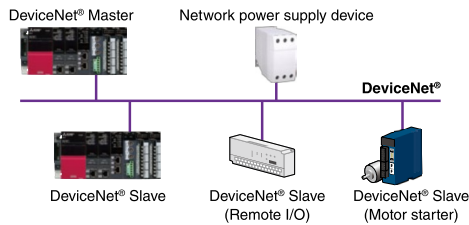


DeviceNet® is a multi-drop network that connects programmable controllers and I/O devices, and is based on CAN (Controller Area Network) for its data link layer.



### Connection to DeviceNet® compatible devices

The module can be implemented into DeviceNet® compatible devices as a DeviceNet® network and operate as either a master or slave station. Automatic configuration functionality enables the master station to detect slave stations on the network, thereby automatically creating the parameters.



### DeviceNet® master/slave module specifications

Item		RJ71DN91
Operation mode		Master, slave, master/slave combined
Settable station number		0...63
Transmission speed (bps)		125k, 250k, 500k
Master functions		
Node type		DeviceNet® master (Group2 only client)
Max. number of message connections		63
Max. message communication data size (byte)		240 (each for transmit/receive)
I/O connection type		Polling, bit-strobe, change-of-state (COS), cyclic
Max. I/O communication data size (byte)		512 (each for transmit/receive, max. 256 per station)
Slave functions		
Node type		DeviceNet® slave (Group2 server)
I/O connection type		Polling
Max. I/O communication data size (byte)		128 (each for transmit/receive)