PMEPXM0100

Industrial automation components

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Manufacturer	Schneider Electric
Catalog number	pmepxm0100
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Profibus DP Master Module
Brand	Schneider Electric
Part Number	PMEPXM0100
Power Supply	24 V DC
Current Consumption	43 mA (typical), 70 mA (maximum)
Power Consumption	1040 mW (typical), 1690 mW (maximum)
Connector Type	DB9
Transmission Rate	9.6 kbit/s to 12 Mbit/s
Server Devices	Up to 125
Isolation Voltage	1500 V for 1 minute at 50/60 Hz
Operating Temperature	0°C to 60°C

Description

The Schneider Electric PMEPXM0100 is a high-performance Profibus DP Master Module designed for integration with the Modicon M580 control system. This module supports Profibus DP V0/V1, Master, and provides a Profibus Configurator for Modicon. It also supports hot standby configurations and implicit exchange of process data. The module operates with a 24 V DC internal power supply via the rack, with a typical current consumption of 43 mA and a maximum of 70 mA. It has a power consumption of 1040 mW at 24 V typical and 1690 mW at 24 V maximum. The module features a DB9 connector for Profibus DP communication and supports transmission rates from 9.6 kbit/s to 12 Mbit/s. It can handle up to 125 server devices and has an isolation voltage of 1500 V for 1 minute at 50/60 Hz. The module

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has a net weight of 0.270 kg and operates in ambient temperatures ranging from 0°C to 60°C. It complies with CE, UL, CSA, RCM, UKCA, and EAC standards and is certified for Power Generation, Merchant Navy, Railway, and Hazardous areas applications.