

Schneider Series Service Manual

170PNT16020

1. Description

The 170PNT16020 communication adaptor from Schneider Electric is part of the Modicon Momentum series. This device operates using the Modbus Plus protocol and is designed for industrial applications, featuring support for both peer-to-peer and token bus access methods.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Momentum
Part	Number 170PNT16020
EAN	3595861147492
Weight	0.25 lbs (0.11 kg)
Type	Communication Adaptor
Communication	Option Modbus Plus
Industrial	Structure Yes
Token	Bus Access Method Supported
Peer	To Peer Access Method Supported
Transmission	Rate 1 Mbit/s
Operating	Temperature 0 to 40 degrees Celsius
Storage	Temperature 0 to 50 degrees Celsius
Maximum	Relative Humidity for Operation 80% (non-condensing)
Maximum	Relative Humidity for Storage 80% (non-condensing)
Maximum	Operating Altitude 1000 meters above sea level
Maximum	Storage Altitude 1000 meters above sea level
Operating	Environment Clean indoor environment with no corrosive substances

3. Product Information

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Technical specifications for 170PNT16020

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Operating Environment Clean indoor environment with no corrosive substances

The Schneider Electric 170PNT16020 is a sophisticated communication adaptor tailored for the Modicon Momentum series. Designed to integrate seamlessly, this module utilizes the Modbus Plus communication option, making it suitable for various industrial environments. The device supports both token bus and peer-to-peer access methods, enhancing its versatility and functionality within a network.

This adaptor operates at a transmission rate of 1 Mbit/s, enabling efficient data transfer. Its operational temperature range spans from 0 to 40 degrees Celsius, while it can be stored safely at temperatures reaching 50 degrees Celsius. It is built to withstand a relative humidity level of up to 80%, both in operation and during storage, ensuring stability in different conditions.

The device is intended for clean indoor applications, firmly maintaining its functionality without exposure to corrosive substances. It is also designed to work effectively at altitudes up to 1000 meters, which adds to the flexibility of where it can be deployed. The 170PNT16020 is a reliable and essential component for those requiring robust communication solutions in industrial settings.