

170PNT16020

Modicon Momentum - Modbus Plus communication adaptor

Main

Range of product	Modicon Momentum automation platform
Product or component type	Modbus Plus communication adaptor
Bus manager PLC	Quantum
Structure type	Industrial
Communication port protocol	Modbus Plus
Method of access	Peer to peer Token bus
Transmission rate	1 Mbit/s
Transmission support medium	Twisted pair

Complementary

Redundancy	Yes
Topology	Multidrop, device connecting by extension or tap off cable
Number of devices	0...63 all segment 0...31 per segment
Cable length	<= 5000 m with repeater
Data format	IEC 61131-2
Fail state	Fallback to zero Forcing to state zero Full scale value Maintain value
Supply	From I/O base
Marking	CE
Local signalling	1 LED red communication error network B (ERR B) 1 LED red communication error network A (ERR A) 1 LED green module powered up or communicating (MB + ACT)
Electrical connection	1 connector SUB-D 9 for redundant Modbus Plus network 1 connector SUB-D 9 for connecting Modbus Plus network

Environment

Product certifications	CSA UL
Standards	FM class 1, division 2
Protective treatment	TC
Resistance to electrostatic discharge	8 kV on air IEC 801-2 4 kV contact IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...1000 MHz IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1022 - Schneider Electric declaration of conformity