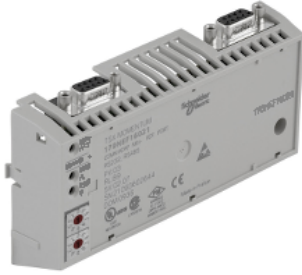


Product data sheet

Specifications



Communication adaptor, Modicon Momentum automation platform, Modbus Plus, 1Mbit/s transmission rate, tap off cable

170PNT11020

⚠ Discontinued

⚠ Discontinued on: 15 March 2022

Main

Range of Product	Modicon Momentum automation platform
Product or Component Type	Modbus Plus communication adaptor
Bus manager PLC	Premium Quantum
Structure type	Industrial
Communication Port Protocol	Modbus Plus
Method of access	Token bus Peer to peer
Transmission Rate	1 Mbit/s
Transmission support medium	Twisted pair

Complementary

Topology	Multidrop, device connecting by extension or tap off cable
Number of devices per segment	0...31 per segment 0...63 all segment
Maximum cable distance between devices	16404.20 ft (5000 m) with repeater
Data format	IEC 61131-2
Fail state	Full scale value Forcing to state zero Maintain value Fallback to zero
Supply	From I/O base
Marking	CE
Local signalling	for module powered up or communicating (MB + ACT) 1 LED (green) for communication error network A (ERR A) 1 LED (red) for communication error network B (ERR B) 1 LED (red)
Electrical connection	1 connector SUB-D 9 for connecting Modbus Plus network 1 connector SUB-D 9 for redundant Modbus Plus network

Environment

Product Certifications	CSA UL
Standards	FM Class 1 Division 2

Protective treatment	TC
Resistance to electrostatic discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2
Resistance to electromagnetic fields	9.14 V/m (10 V/m) 80...1000 MHz IEC 801-3
Ambient Air Temperature for Operation	32...140 °F (0...60 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Relative Humidity	95 % without condensation
Operating altitude	<= 16404.2 ft (5000 m)

Ordering and shipping details

Category	18206-MOMENTUM PROCESSORS,I/O BASES,CONN.
Discount Schedule	PC31
GTIN	3595861147355
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.17 in (5.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	7.51 oz (213.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	3.76 lb(US) (1.704 kg)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

170PNT11020 may be replaced by any of the following products:

1x



Modicon Momentum - Ethernet communication adaptor - 10/100 Mbit/s
170ENT11001

1x



Modicon Momentum - Ethernet communication adaptor - 10 Mbit/s
170ENT11002
