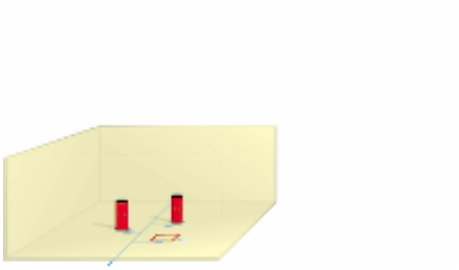
Product data sheet
Characteristics

172PNN21022
Option adaptor, Modicon Momentum automation platform, Modbus Plus, single port, 5VDC



Commercial status
End of Commercialisation : MAY 31, 2015

⚠ End of Commercialisation

Main

Range of product	Modicon Momentum automation platform
Product or component type	Modbus Plus option adaptor
Number of port	1
Communication port protocol	Modbus Plus
Communication port type	Single

Complementary

[Us] rated supply voltage	5 V DC
Input voltage tolerance	+/- 5 %
Supply	Via I/O base
Clock drift	+/- 13 s/day accuracy
Battery type	Lithium battery - autonomy: < 30 day after the battery low indication at 40 °C
Battery size	2/3 AA
Battery life	5 Year(S)
Electrical connection	1 connector D-shell with 9 pins for Modbus Plus connection
Material	Lexan
Marking	CE
Local signalling	1 LED for communication
Current consumption	<= 350 mA at 24 V DC 200 mA at 24 V DC
Height	25 Mm
Width	143.1 Mm
Depth	60.06 Mm
Module format	Standard
Net weight	85.05 G

Environment

Dielectric strength	500 V DC
Standards	IEC 529
Product certifications	UL[RETURN]CSA[RETURN]NEMA 250 type 1
IP degree of protection	IP20 conforming to IEC 529
Protective treatment	TC
Shock resistance	+/- 15 gn 11 ms half sine wave acceleration
Vibration resistance	1 gn (f = 57…150 Hz)

Amplitude of sinusoidal vibration	0.075 mm 10…57 Hz
Resistance to electrostatic discharge	4 KV contact conforming to IEC 801-2 8 KV on air conforming to IEC 801-2
Resistance to electromagnetic fields	10 V/M 80...1000 MHz conforming to IEC 801-3
Ambient air temperature for operation	0…60 °C
Ambient air temperature for storage	-40…85 °C
Relative humidity	5…95 % without condensation
Operating altitude	<= 2000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.0 Cm
Package 1 Width	11.0 Cm
Package 1 Length	21.0 Cm
Package 1 Weight	211.0 G

Offer Sustainability

Sustainable packaging	No

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commercialisation