

Main

Range of product	Modicon Momentum automation platform
Product or component type	M1/M1E processor adaptor
Software designation	ProWORX NxT V2.0 ProWORX 32 Modsoft >= V2.5 Concept V2.6
Communication port protocol	Modbus
Processor name	X 86 based (INTEL, AMD)
Clock frequency	32 MHz

Complementary

Discrete I/O processor capacity	2048 I/2048 O
Memory type	RAM 256 kB Flash 256 kB
Memory description	Program memory 160 kB IEC Program memory 12 kB LL984 Data 4 kB
Material	Lexan
Word length	16 bit
[Us] rated supply voltage	5.0 V DC +/-5 %
Supply	By Momentum I/O base
Exact time for 1 K instruction	1 ms
Register I/O processor capacity	4096 words total
I/O words/drop	80 I/O ProWORX 128 I/O Concept
Number of port	1 RS232C non isolated 1 I/O bus
Marking	CE
Product weight	0.042 kg

Environment

Protective treatment	Conformal coating Humiseal 1A33 TC
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	5...96 % without condensation
Operating altitude	2000 m
Shock resistance	<= 15 gn peak (duration = 11 ms) for half sine wave acceleration
Vibration resistance	0.75 mm d.a 1 gn
Product certifications	CUL FM Class 1 Division 2 Nema type 250 UL

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will be Compliant on 4Q2013