

Main

Range of product	Modicon Momentum automation platform
Product or component type	M1/M1E processor adaptor
Software designation	Concept V2.6 Modsoft >= V2.5 ProWORX 32 ProWORX NxT V2.0
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	Flash 256 kB RAM 256 kB
Memory description	Data 4 kB Program memory 12 kB LL984 Program memory 160 kB IEC
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	128 I/O Concept 80 I/O ProWORX
Number of port	1 I/O bus 1 RS232C non isolated
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 11 ms half sine wave
Vibration resistance	0.75 mm d.a 1 gn
Product certifications	CUL FM Class 1 Division 2 Nema type 250 UL
RoHS EUR status	Will be Compliant
RoHS EUR conformity date	4Q2011

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