

# Product data sheet

## Characteristics

171CCC78010

M1/M1E processor adaptor - 2 Modbus - 32 MHz

### 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	8192 I/8192 O
Memory type	RAM 512 kB Flash 512 kB
Memory description	Program memory 240 kB IEC Program memory 18 kB LL984 Data 24 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	26048 I/26048 O
I/O limit processor capacity	I/O local on Modbus
Number of port	1 RS485 1 RS232C non isolated
Marking	CE
Product weight	0.042 kg

### Environment

Protective treatment	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