

# Product data sheet

Specifications



## M1/M1E processor adaptor - 1 Ethernet, 1 I/O bus - 50 MHz

171CCC96030

! Discontinued on: 31 May 2015

! To be end-of-service on: 31 May 2023

! Discontinued - Service only

### Main

Range of product	Modicon Momentum automation platform
Product or component type	M1/M1E processor adaptor
Concept	Transparent Ready
Level or class	Class B10
Software designation	Concept version V2.6 Modsoft version >= V2.5 ProWORX NxT version V2.0 ProWORX 32
Communication port protocol	Ethernet
Processor name	X 86 based (INTEL, AMD) IEC executive
Clock frequency	50 MHz

### Complementary

Web services	Rack viewer Web page loader software tool Web page loader Data editor
Ethernet service	I/O scanning Modbus TCP messaging
Discrete I/O processor capacity	8192 I/8192 O
Memory type	1 MB flash 544 kB RAM
Memory description	Program memory 18 kB LL984 Program memory 200 kB IEC 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 Kinstruction	1 ms
Register I/O processor capacity	26048 I/26048 O
I/O limit processor capacity	8192 bits max
I/O words/drop	128 I/O Concept 80 I/O ProWORX

<b>Number of port</b>	1 I/O bus 1 ETHERNET
<b>Marking</b>	CE
<b>Net weight</b>	0.042 kg

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	6 cm
<b>Package 1 Width</b>	18 cm
<b>Package 1 Length</b>	26 cm
<b>Package 1 Weight</b>	197 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	4
<b>Package 2 Height</b>	15 cm
<b>Package 2 Width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Package 2 Weight</b>	1.122 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	8
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	2.203 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)

171CCC96030 is replaced by:

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1x



Unity M1E processor - RS232/485 - Ethernet - USB - I/O bus  
171CBU98090

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