

# Product data sheet

Specifications



## M1/M1E processor adaptor - 1 Modbus - 20 MHz

171CCS70000

⚠ Discontinued on: 31 May 2015

⚠ 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
Software designation	Concept version V2.6 Modsoft version >= V2.5 ProWORX NxT version V2.0 ProWORX 32
Communication port protocol	Modbus
Processor name	X 86 based (INTEL, AMD)
Clock frequency	20 MHz

### Complementary

Discrete I/O processor capacity	2048 I/2048 O
Memory type	256 kB flash 64 kB RAM
Memory description	Program memory 2.4 kB LL984 Data 2 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	2048 I/2048 O
Number of port	1 RS232C non isolated
Marking	CE
Net weight	0.042 kg

### Environment

Protective treatment	TC
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-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>	0.75 mm d.a 1 gn
<b>Product certifications</b>	UL cUL FM Class 1 Division 2 Nema type 250

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	5.5 cm
<b>Package 1 Width</b>	18.0 cm
<b>Package 1 Length</b>	26.0 cm
<b>Package 1 Weight</b>	206.0 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	8
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	2.163 kg

## Contractual warranty

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

171CCS70000 is replaced by:

1x



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