

171CCC76010

Schneider Electric · Modicon Momentum

M1 Processor Adapter Modicon Momentum

Processor

M1 series

Clock speed

32 MHz

Math coprocessor

Not available (X86-based)

Program memory

512 KB Flash

Data memory

24 KB (data registers)

Internal RAM

512 KB

Programming software

Concept V2.6, ProWORX 32, Modsoft

Scan speed

1 ms per 1K instruction

I/O bus

Momentum I/O bus

Discrete I/O (max)

8192 in / 8192 out

Analog I/O (max)

26048 register I/O

Built-in ports

1× RS-232 serial (DB9)

Protocols

Modbus RTU (serial)

Communication expansion

Momentum backplane communication adapters (170ANE Ethernet, 170INT Modbus Plus, 170PNT PROFINET, 170CRA S908 RIO)

Supply voltage

24V DC

Bus current

Not available

Power consumption

Supplied by Momentum I/O base (5 V DC)

Operating temperature

Not available

Storage temperature

Not available

Relative humidity

Not available

Protection rating

IP20

Dimensions (H×W×D)

125 × 141.5 × 47.5 mm

Weight

0.14 kg

Discontinued (Last verified

2026-09)