

distributed analog output Modicon Momentum - 4 Output - 0..20 mA

Local distributor code:

395517130 170AAO12000

EAN Code: 3595861147713

Main

Range of product	Modicon Momentum automation platform	
roduct or component type Analogue output base		

Complementary

•		
Analogue output number	4	
Data format	Full 16 bits signed	
Analogue output range	+/- 10 V 12 bits + sign >= 1 kOhm 020 mA 12 bits + sign <= 0.6 kOhm	
Maximum load capacitance	1 μF	
Absolute accuracy error	+/- 0.2 % of full scale +/- 10 V 25 °C +/- 0.25 % full scale +/- 10 V 60 °C +/- 0.3 % of full scale 020 mA 25 °C +/- 0.4 % of full scale 020 mA 60 °C	
Temperature drift	10 %oFS/°C +/- 10 V 60 °C 30 %oFS/°C 020 mA 60 °C	
Update time	2 ms	
Full scale	10 V +/- 10 V 2 mA 020 mA	
Fail state	Reset to full scale Hold Reset to zero	
Isolation between channels and ground	500 V AC for 1 minute	
Maximum power dissipation in W	8.5 W	
Protection type	Internal 2 A slow-blow	
Output short-circuit protection	With in voltage circuit	
External power requirement	+/- 30 V DC 24 V DC	
Permissible common mode voltage	250 V 4763 Hz AC between channels to ground 250 V 4763 Hz DC	
Reverse polarity protection	Internal	
Marking	CE	
Local signalling	4 LEDs for channel status	
Current consumption	150 mA at 24 V DC actuator 530 mA at 24 V DC base	
Module format	Standard	
Height	125 mm	

Depth	47.5 mm
Width	141.5 mm
Net weight	0.215 kg

Environment

Product certifications	UL	
	CSA	
Protective treatment	TC	
Resistance to electrostatic discharge	4 kV contact conforming to IEC 801-2 8 kV on air conforming to IEC 801-2	
Resistance to electromagnetic fields	10 V/m 801000 MHz conforming to IEC 801-3	
Ambient air temperature for operation	060 °C	
Ambient air temperature for storage	-4085 °C	
Relative humidity	95 % without condensation	
Operating altitude	<= 5000 m	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	18.000 cm
Package 1 Length	25.500 cm
Package 1 Weight	380.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.226 kg

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

∅ Environmental footprint

Environmental Disclosure

Product Environmental Profile

Use Better

⊗ Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	441d5619-6318-4bbf-ac83-96d05888ee7e
REACh Regulation	REACh Declaration

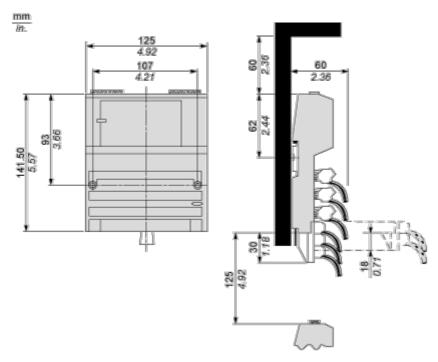
Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Standard Adapter on a Typical Base

Dimensions

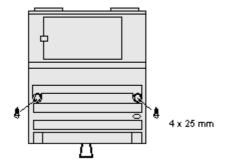


Product datasheet

170AAO12000

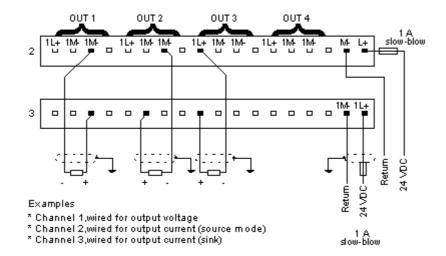
Mounting and Clearance

Mounting on a Wall



Connections and Schema

External Wiring Diagram



Internal Pin Connections

