



Main

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

Complementary

Analogue output number	4
Data format	Full 16 bits signed
Analogue output range	0...20 mA 12 bits + sign ≤ 0.6 kOhm +/- 10 V 12 bits + sign ≥ 1 kOhm
Load capacitance	$< 1 \mu\text{F}$
Absolute accuracy error	+/- 0.4 % of full scale 0...20 mA 60 °C +/- 0.3 % of full scale 0...20 mA 25 °C +/- 0.25 % full scale +/- 10 V 60 °C +/- 0.2 % of full scale +/- 10 V 25 °C
Temperature drift	30 %oFS/°C 0...20 mA 60 °C 10 %oFS/°C +/- 10 V 60 °C
Update time	< 2 ms
Full scale	2 mA 0...20 mA 10 V +/- 10 V
Fail state	Hold Reset to full scale Reset to zero
Isolation between channels and ground	500 V AC for 1 minute
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	24 V DC +/- 30 V DC
Permissible common mode voltage	250 V 47...63 Hz DC 250 V 47...63 Hz AC between channels to ground
Reverse polarity protection	Internal
Marking	CE
Local signalling	4 LEDs channel status
Current consumption	530 mA 24 V DC base 150 mA 24 V DC actuator
Module format	Standard
Height	125 mm
Depth	47.5 mm
Width	141.5 mm
Product weight	0.215 kg

Environment

Product certifications	CSA UL
Protective treatment	TC
Resistance to electrostatic discharge	8 kV on air IEC 801-2 4 kV contact IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...1000 MHz IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will be Compliant on 4Q2013

Standard Adapter on a Typical Base

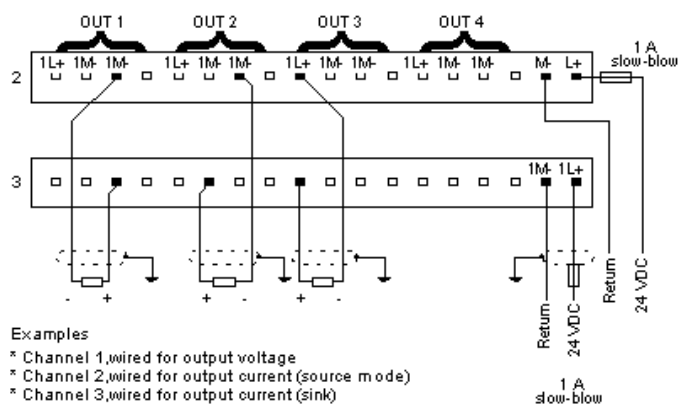
Dimensions



Mounting on a Wall



External Wiring Diagram



Internal Pin Connections

