



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	4...20 mA , resolution: 12 bits + sign , load impedance: $\leq 0.6 \text{ k}\Omega$ +/- 10 V , resolution: 12 bits + sign , load impedance: $\geq 1 \text{ k}\Omega$
Load capacitance	$< 1 \mu\text{F}$
Absolute accuracy error	+/- 0.2 % of full scale for output range: +/- 10 V at 25 °C +/- 0.25 % full scale for output range: +/- 10 V at 60 °C +/- 0.4 % of full scale for output range: 4...20 mA at 25 °C +/- 0.5 % of full scale for output range: 4...20 mA at 60 °C
Temperature drift	10 %oFS/°C for output range: +/- 10 V at 60 °C 30 %oFS/°C for output range: 4...20 mA at 60 °C
Update time	$< 2 \text{ ms}$
Full scale	2 mA for output range: 4...20 mA 10 V for output range: +/- 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	$\leq 8.5 \text{ W}$
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 at 47...63 Hz AC between channels to ground 250 V at 47...63 Hz DC
Reverse polarity protection	Internal
Marking	CE
Local signalling	4 LED channel status
Current consumption	150 mA at 24 V DC actuator 530 mA at 24 V DC base
Module format	Standard
Product weight	0.215 kg

Environment

Product certifications	CSA UL
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 80...1000 MHz conforming to 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
RoHS EUR conformity date	1Q2010
RoHS EUR status	Will be compliant