



Main

Range of product	Automation platform Product or component
type	Analogue input module
Type of filter	Single pole low pass - 3 dB at 15 Hz +/- 20 %

Complementary

Analogue input number	8
Input type	Differential
Addressing requirement	9 input words
Analogue input resolution	12 bits
Linear measuring range	1...5 V 4...20 mA
Absolute maximum input	25 mA 50 V DC
Input impedance	> 20 MOhm voltage 250 Ohm current +/- 0.01 %
Absolute accuracy error	+/- 0.05 % of full scale +/- 0.1 % of full scale maximum
Linearity error	+/- 0.04 %
Accuracy drift according to temperature	+/- 0.0025 % of full scale/°C <= 0.005 % of full scale/°C
Common mode rejection	> -72 dB 60 Hz
Isolation between channels and bus	1000 V DC 3000 V DC for 60 s
Isolation between channels	30 V DC
Update time	5 ms
Fault type	Broken wire 4...20 mA Undervoltage range 1...5 V
Marking	CE

Local signalling	1 LED green bus communication is present (Active) 1 LED red external fault 8 LEDs green channel is turned on 8 LEDs red channel fault
Bus current requirement	240 mA
Power dissipation in W	2 W
Module format	Standard
Product weight	0.66 lb(US) (0.3 kg)

Environment

Standards	UL 508 CSA C22.2 No 142
Product certifications	FM Class 1 Division 2 CUL
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	9.14 V/yd (10 V/m) 80...1000 MHz conforming to IEC 801-3
Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Relative humidity	95 % without condensation
Operating altitude	<= 16404.2 ft (5000 m)