

Product data sheet

Specifications



compact IP67 modular I/O splitter box - Advantys FTM - 4I - 24 V DC - 16 bits

FTM1AE04C12C

Main

Range Of Product	Advantys FTM
Product Or Component Type	IP67 modular I/O splitter box
Splitter Box Type	Compact
Input/Output Number	4
Electrical Connection	1 male connector M12 (bus module or previous module) 4 female connectors M12 (sensor)
Analogue Input Number	4
Analogue Input Range	0...20 mA 4...20 mA

Complementary

Internal Current Consumption	50 mA
[Ue] Rated Operational Voltage	24 V DC
Maximum Supply Current	4 A
Maximum Cable Distance Between Devices	30 m
Analogue Input Resolution	16 bits
Analogue Input Type	Differential
Input Impedance	300 Ohm
Input Filtering	1 ms
Conversion Time	0...2 ms
Current Per Channel	0.2 A
Control Threshold Undervoltage	0...18 V
Status Led	1 LED per channel (yellow) channel status
Surge Withstand	-1 kV signal conforming to IEC 61000-4-5 1 kV signal conforming to IEC 61000-4-5 0.5 kV ground/PE conforming to IEC 61000-4-5 0.5 kV power supply conforming to IEC 61000-4-5
Operating Position	Any position
Fixing Mode	By 2 screws
Tightening Torque	1.5 N.m for M4 screw(s)
Net Weight	0.13 kg

Environment

Product Certifications	cULus
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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient Air Temperature For Operation	0...55 °C
Ambient Air Temperature For Storage	-25...70 °C
Ip Degree Of Protection	IP67
Operating Altitude	0...2000 m
Vibration Resistance	15 gn conforming to IEC 68-2-6
Shock Resistance	50 gn for 11 ms conforming to IEC 68-2-27, EA tests
Resistance To Electrostatic Discharge	-4 kV in contact conforming to IEC 61000-4-2 4 kV in contact conforming to IEC 61000-4-2 -8 kV in air conforming to IEC 61000-4-2 8 kV in air conforming to IEC 61000-4-2
Resistance To Radiated Fields	10 V/m conforming to IEC 61000-4-3
Resistance To Fast Transients	-2 kV (power supply) conforming to IEC 61000-4-4 2 kV (power supply) conforming to IEC 61000-4-4 -2 kV (signal) conforming to IEC 61000-4-4 2 kV (signal) conforming to IEC 61000-4-4
Resistance To Conducted Disturbances	10 V conforming to IEC 61000-4-6

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty	18 months
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