

FTM1AE04C12T

compact IP67 modular I/O splitter box - Advantys
FTM - 4I - 24V DC - 15bits+sign

Modicon FTB FTM range



Main

Commercial Status	End of commercialisation
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	4 female connectors M12 sensor 1 male connector M12 bus module or previous module
Analogue input number	4
Analogue input range	+/- 10 V 0...10 V

Complementary

Internal current consumption	50 mA
System Voltage	24 V DC
Supply current	<= 4 A
Cable length	0...98.43 ft (0...30 m)
Analogue input resolution	15 bits + sign
Analogue input type	Differential
Input impedance	1000000 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	0.5 kV power supply conforming to IEC 61000-4-5 0.5 kV ground/PE conforming to IEC 61000-4-5 1 kV signal conforming to IEC 61000-4-5 -1 kV signal conforming to IEC 61000-4-5
Operating position	Any position
Fixing mode	By 2 screws
Tightening torque	13.27 lbf.in (1.5 N.m), M4 screw(s)
Product weight	0.29 lb(US) (0.13 kg)

Environment

Product certifications	CULus
Ambient air temperature for operation	32...131 °F (0...55 °C)
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
IP degree of protection	IP67
Operating altitude	0...6561.68 ft (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	8 kV in air conforming to IEC 61000-4-2 -8 kV in air conforming to IEC 61000-4-2 4 kV in contact conforming to IEC 61000-4-2 -4 kV in contact conforming to IEC 61000-4-2

Resistance to radiated fields	9.14 V/yd (10 V/m) conforming to IEC 61000-4-3
Resistance to fast transients	2 kV signal conforming to IEC 61000-4-4 -2 kV signal conforming to IEC 61000-4-4 2 kV power supply conforming to IEC 61000-4-4 -2 kV power supply conforming to IEC 61000-4-4
Resistance to conducted disturbances, induced by radio frequency fields	10 V conforming to IEC 61000-4-6
Resistance to magnetic fields	9.14 A/ft (30 A/m), 50 Hz conforming to IEC 61000-4-8

Ordering and shipping details

Category	18218 - ADVANTYS FTB/FTM/ABE9
Discount Schedule	PC32
Nbr. of units in pkg.	1
Returnability	N
Country of origin	DE

Contractual warranty

Warranty period	18 months
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