

FTM1DN10

DeviceNet - bus module interface - 4 twisted shielded wires - 500 kbit/s - IP67



Main

Range of product	Advantys FTM
Product or component type	Bus module interface
IP degree of protection	IP67
Bus type	DeviceNet
Structure type	According to CAN, layer 7 According to EN 50325 According to ISO 11898
Transmission rate	500 kbit/s

Complementary

[Ue] rated operational voltage	24 V DC
Supply current	<= 9 A
Binary rate	125 kbit/s 250 kbit/s 500 kbit/s
Internal current consumption	70 mA
Number of splitter box	1...16
Electrical connection	1 female connector M12 bus OUT 1 male connector 7/8" power supply 1 male connector M12 bus IN 4 female connectors M12 I/O splitter boxes
Method of access	Master/slave
Transmission support medium	4 twisted shielded wires
Number of addresses	1...63
Surge withstand	-1000 kV signal conforming to IEC 61000-4-5 1000 kV signal conforming to IEC 61000-4-5 -500 kV ground/PE conforming to IEC 61000-4-5 500 kV ground/PE conforming to IEC 61000-4-5 -500 kV power supply conforming to IEC 61000-4-5 500 kV power supply conforming to IEC 61000-4-5
Operating position	Any position
Fixing mode	By 2 screws
Tightening torque	1.5 N.m, M4 screw(s)
Product weight	0.42 kg

Environment

product certifications	CULus
ambient air temperature for operation	0...55 °C
ambient air temperature for storage	-25...70 °C
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	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 -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

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resistance to conducted disturbances	10 V conforming to IEC 61000-4-6
resistance to magnetic fields	30 A/m 50 Hz conforming to IEC 61000-4-8