

Product data sheet

Specifications



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

FTM1DN10

⚠ Discontinued

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 ISO 11898 According to CAN, layer 7 According to EN 50325
Transmission Rate	500 kbit/s

Complementary

[Ue] Rated Operational Voltage	24 V DC
Maximum Supply Current	9 A
Binary Rate	250 kbit/s 500 kbit/s 125 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 for M4 screw(s)
Net Weight	0.42 kg

Environment

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

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	-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
Resistance To Magnetic Fields	30 A/m 50 Hz conforming to IEC 61000-4-8

Contractual warranty

Warranty	18 months
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