

Modicon FTB FTM range



Main

Range of product	Advantys FTM
Product or component type	Bus module interface
IP degree of protection	IP67
Bus type	Profibus DP
Structure type	According to DIN 19245 According to EN 50170
Transmission rate	12 Mbit/s

Complementary

[Ue] rated operational voltage	24 V DC
Supply current	<= 9 A
Binary rate	12 Mbit/s
Internal current consumption	80 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 Multimaster
Transmission support medium	2 twisted, type A, shielded wires (RS485)
Number of addresses	1...126 with repeater 1...32 without repeater
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

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

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	-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 period	18 months
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