

Main

Range of product	Advantys FTM
Product or component type	Bus module interface
IP degree of protection	IP67
Bus type	CANopen
Structure type	According to EN 50325 According to ISO 11898
Transmission rate	1 Mbit/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 M12 bus IN 1 male connector 7/8" power supply 4 female connectors M12 I/O splitter boxes
Method of access	Multimaster Priority information
Transmission support medium	2 twisted shielded wires
Number of devices	1...127
Surge withstand	-1000 kV signal conforming to IEC 61000-4-5 -500 kV power supply 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 ground/PE conforming to IEC 61000-4-5 1000 kV signal 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 signal 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
Resistance to conducted disturbances, induced by radio frequency fields	10 V conforming to IEC 61000-4-6
Resistance to magnetic fields	30 A/m , 50 Hz conforming to IEC 61000-4-8
RoHS EUR conformity date	0608
RoHS EUR status	Compliant