



has not been replaced. Please contact your customer care center for more information.

ⓘ Discontinued

Main

Range of product	Advantys FTB
Product or component type	IP67 monobloc I/O splitter box
Enclosure material	Plastic
Bus type	CANopen
Input/Output number	16
Discrete input number	16
Structure type	According to ISO 11898 According to EN 50325

Complementary

[Ue] rated operational voltage	24 V DC
Maximum supply current	8 A
Internal current consumption	120 mA
Discrete input voltage	24 V
Discrete input voltage type	DC
Maximum discrete input current	200 mA
Discrete input logic	Positive
Product compatibility	With 2-wire/3-wire sensors
Sensor power supply	18...30 V
Reverse polarity protection	Internal
Electrical connection	1 female connector 7/8" (power OUT) 1 female connector M12 (bus OUT) 1 male connector 7/8" (power IN) 1 male connector M12 (bus IN) 8 female connectors M12 (sensor)
Method of access	Priority information Multimaster
Transmission rate	1 Mbit/s
Transmission support medium	2 twisted shielded wires
Number of addresses	1...127
Input/Output number of splitter box	8 I + 8 diagnostic inputs
Protection type	Short-circuit protection
Input filtering	1 ms
Control threshold undervoltage	0...18 V

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

Status LED	1 LEDsensor power supply diagnostics: 1 LED per channelchannel diagnostic: 1 LED per channelchannel status: 2 LEDsbus diagnostic:
Surge withstand	-1 kV power supply (asymmetrical) conforming to IEC 61000-4-5 1 kV power supply (asymmetrical) conforming to IEC 61000-4-5 -1 kV signal (asymmetrical) conforming to IEC 61000-4-5 1 kV signal (asymmetrical) conforming to IEC 61000-4-5 0.5 kV ground/PE conforming to IEC 61000-4-5 0.5 kV power supply (symmetrical) conforming to IEC 61000-4-5 0.5 kV signal (symmetrical) 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	0.44 kg

Environment

Standards	IEC 1131-2 Type 2
Product certifications	CULus
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-25...70 °C
IP degree of protection	IP67 conforming to IEC 60529
Operating altitude	0...2000 m
Vibration resistance	0.35 mm constant amplitude (f= 10...57 Hz) conforming to IEC 68-2-6, FC test 5 gn constant acceleration (f= 57...150 Hz) conforming to IEC 68-2-6, FC test
Shock resistance	30 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

Contractual warranty

Warranty	18 months
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