



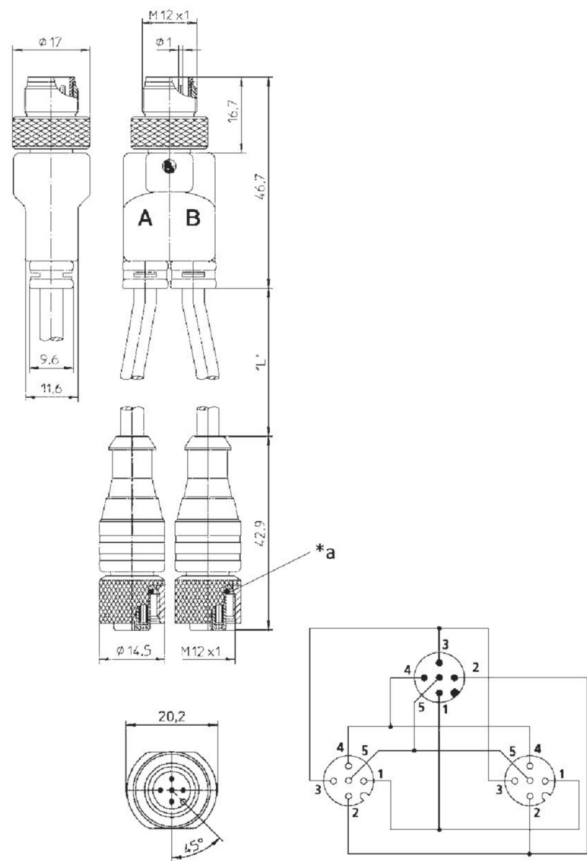
Product: [ASB 2-RKT 5-228](#)

Actuator/sensor cordset, M12 Duo-M12, M12: male, two M12: female, straight, with self-locking screw coupling

Product Description

Actuator/sensor cordset, M12 Duo-M12, M12: male, two M12: female, straight, with self-locking screw coupling

Technical Drawing



Technical Specifications

Product Description

Product Family:	Sensor / Actuator Connectors
Brand:	Lumberg Automation
Voltage Rating:	50 V AC / 60 V DC
Rated Impulse Voltage:	1,5 kV
Current Rating:	4 A

Side 1 Product Sub Family:	M12 Splitter
Side 1 Type of Contact/Gender:	Pin Contact / Male
Connector Design:	Straight
Attachment Type:	Self-locking
Number of Pins:	5
Coding, Side 1:	A
Side 1 Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 25 °C to +80 °C
Protection Degree / IP Rating**:	IP67
Side 1 Design Standard:	IEC 61076-2-101 (M12)
Side 1 Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuZn
Side 1 Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	Orange
Molded Body Material:	Thermoplastic Polyurethane (TPU)
Molded Body Color:	Translucent
Housing Color:	orange/ translucent
Attachment Material:	Brass (CuZn)
Attachment Plating:	Nickel (Ni)
O-Ring Material:	FKM

Cable Data

Cable Type:	STL 228
Cable Number:	228
Conductor Size:	22 AWG
Number of Wires:	4
Cycles (Bending):	> 1 M
Cable Jacket Material:	PUR
Cable Jacket Color:	Black
Cable Diameter D:	4.6 mm

Technical Data Side 2

Side 2 Product Sub Family:	M12 Splitter
Side 2 Type of Contact/Gender:	Socket / Female
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Self-locking
Number of Pins, Side 2:	5
Coding, Side 2:	A
Contact Resistance, Side 2:	≤ 10 mOhm
Insulation Resistance, Side 2:	> 10^9 Ohm
Mating Cycles, Side 2:	≤ 100
Ambient Temperature (Operation), Side 2*:	- 25 °C to + 80 °C
Protection Degree / IP Rating, Side 2**:	IP67
Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material, Side 2:	Brass (Cu/Zn)
Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	Orange
Flammability Class (Contact Bearer), Side 2:	UL 94 HB
Flammability Class (Molded Body), Side 2:	UL 94 HB
Attachment Material, Side 2:	Brass (CuZn)
Attachment Plating, Side 2:	Nickel (Ni)
O-Ring Material, Side 2:	FKM
Note, Side 2:	Do not connect or disconnect under load.

Safety & Environmental Compliance

RoHS Compliant:	Yes
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Notes

Protection Degree / IP Rating Note:	Only in locked position with it's proper counterparts
Product Characteristics:	Drag chain sustainability, Very good resistance to oils, coolants, lubricants as well as emulsions, Very good vibration and shock resistance

History

Update and Revision:	Revision Number: 0.38 Revision Date: 10-06-2026
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