



Product: [RST 8-RKWT 8-627](#) 

M12 Micro actuator/sensor cordset, double-ended, 8-poles, male straight to female right angle connector with self-locking thread and black PVC 24 gauge molded cable, IEC color code."

Product Description

M12 Micro actuator/sensor cordset, double-ended, 8-poles, male straight to female right angle connector with self-locking thread and black PVC 24 gauge molded cable, IEC color code."

Technical Specifications

Product Description

Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Voltage Rating:	33 V
Rated Impulse Voltage:	0.8 kV
Operating Voltage:	33 V AC/DC

Technical Data Side 1

Side 1 Product Sub Family:	M12 Standard
Side 1 Type of Contact/Gender:	Male
Connector Design:	Straight
Attachment Type:	Coupling Screw
Number of Pins:	8
Coding, Side 1:	A
Side 1 Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP67
Side 1 Design Standard:	IEC 61076-2-101
Side 1 Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuZn
Side 1 Contact Plating:	Cu/Au
Contact Bearer Color:	Orange
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	TPU
Molded Body Color:	Black
Flammability Class (Molded Body):	UL 94 HB
Cable Gland Color:	IEC color code
Attachment Material:	CuZn
Attachment Plating:	Nickel-plated
O-Ring Material:	FKM or Viton (female only)
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight

Cable Data

Cable Number:	627
Conductor Size:	24 AWG
Number of Wires:	8
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Cycles (Bending):	> 1 M
Conductor Material:	Cu
Cable Jacket Material:	PUR
Cable Jacket Color:	Gray
Cable Diameter D:	0.237"
Wire Insulation Material:	PVC
Insulated Wire Diameter:	.043"
UL Cable Type:	AWM 2661
Flammability Class (Cable Jacket):	FT-1
Cable Characteristics:	Good chemical and oil resistance

Technical Data Side 2

Side 2 Product Sub Family:	M12 Standard
Side 2 Type of Contact/Gender:	Female
Connector Design, Side 2:	Angled
Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	8
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*:	- 40 °C - + 90 °C
Design Standard, Side 2:	IEC 61076-2-101
Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category, Side 2:	III acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	Black
Flammability Class (Contact Bearer), Side 2:	UL 94 HB
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	Black
Flammability Class (Molded Body), Side 2:	UL 94 HB
Attachment Material, Side 2:	CuZn
Attachment Plating, Side 2:	Nickel-plated
O-Ring Material, Side 2:	FKM, green
Fastening Torque (Attachment), Side 2:	M 12x1: (50-60) Ncm, hand-tight

Safety & Environmental Compliance

RoHS Compliant:	yes
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Resistances

Halogenfree:	DIN EN 50267-2-1, IEC 60754-1, VDE 0482-267-2-4
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Notes

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Variants

Item #	Item Description
600002004	RST 8-RKWT 8-627/1M
600002006	RST 8-RKWT 8-627/2M
600002007	RST 8-RKWT 8-627/5M
600004650	RST 8-RKWT 8-627/10M

600006926	RST 8-RKWT 8-627/3M
600006927	RST 8-RKWT 8-627/7M
600007315	RST 8-RKWT 8-627/20M

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