



**Product:** [RST 8-RKWT 8-727](#) 

M12 Micro actuator/sensor cordset, double-ended, 8-poles, male straight to female right angle connector with self-locking thread and yellow 22 gauge TPE/PLTC 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 yellow 22 gauge TPE/PLTC molded cable, IEC color code.

## Technical Specifications

### Product Description

Brand:	Lumberg Automation
Connector Type:	Cordset, double ended

### Technical Data Side 1

Connector Design:	Straight
Attachment Type:	Coupling Screw
Number of Pins:	8
Coding, Side 1:	A
Side 1 Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 <sup>9</sup> Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	-40°C (-40°F) / +90°C (194°F)
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
Contact Bearer Material:	TPU
Contact Bearer Color:	Yellow
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	PUR
Molded Body Color:	Yellow
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	CuZn
Attachment Plating:	Nickel-Plated
O-Ring Material:	FKM or Viton
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight

### Cable Data

Cable Number:	727
Conductor Size:	22 AWG
Minimal Bending Radius (Flexible Inst):	≤ 100
Conductor Material:	Cu
Cable Jacket Material:	TPE/PLTC
Cable Jacket Color:	Yellow
Cable Diameter D:	.335" (8.5 mm)

Ambient Temperature (Fixed Installation):	-40°C (-40°F) / +90°C (194°F)
Cable Characteristics:	PLTC, C track Rated, Oil resistant

## Technical Data Side 2

Connector Design, Side 2:	Angled 90°
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 <sup>9</sup> Ohm
Pollution Degree, Side 2:	3 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:	PUR
Molded Body Color, Side 2:	Yellow
Flammability Class (Molded Body), Side 2:	UL 94 HB
Attachment Material, Side 2:	CuZn
Attachment Plating, Side 2:	Nickel-Plated

## Approvals

UL:	UL 2238; cURus
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## Notes

### Variants

Item #	Item Description
600005899	RST 8-RKWT 8-727/10M
600005902	RST 8-RKWT 8-727/3M
600005904	RST 8-RKWT 8-727/5M

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