



Product: [RKWT 4-633](#) 

M12 Micro Actuator/sensor cordset, single-ended, 4-poles, female right-angle connector with self-locking thread and yellow 22 gauge PVC molded cable.

Product Description

M12 Micro Actuator/sensor cordset, single-ended, 4-poles, female right-angle connector with self-locking thread and yellow 22 gauge PVC molded cable.

Technical Specifications

Technical Data

Brand:	Belden
Number of Pins:	4
Coding, Side 1:	A
Attachment Type:	Coupling Screw
Side 1 Contact Resistance:	≤ 10 mOhm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	-40°C (-40°F) / +90°C (194°F)
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:	II acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuSn
Contact Bearer Material:	TPU
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	TPU
Molded Body Color:	Yellow
Flammability Class (Molded Body):	UL 94 HB
Cable Gland Material:	PVC
Attachment Material:	CuZn
Attachment Plating:	Nickel-plated
O-Ring Material:	FKM

Additional Technical Data

Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight
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Cable Data

Cable Number:	633
Conductor Size:	22 AWG
Conductor Material:	Cu
Cable Jacket Material:	PVC
Cable Jacket Color:	Yellow
Cable Diameter D:	.190" (4.8 mm)
Ambient Temperature (Fixed Installation):	-40°C (-40°F) / +90°C (194°F)
Cable Characteristics:	Free of lacquer wetting disturbing substances; Exclusion of silicone

Approvals

UL-File:	E315587
UL:	UL 2238; cURus

Notes

Note Derating:	Notice derating
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History

Update and Revision:	Revision Number: 0.29 Revision Date: 05-26-2026
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Variants

Item #	Item Description	Cable Gland Material
600000427	RKWT 4-633/10M	PVC
600000428	RKWT 4-633/20M	PVC
600000429	RKWT 4-633/2M	PVC
600000432	RKWT 4-633/5M	PVC
600003355	RKWT 4-633/15M	PVC
600004341	RKWT 4-633/25M	PVC
600006670	RKWT 4-633/2.5M	PVC
600006788	RKWT 4-633/60M	PVC

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