

**M12-Round-Plug Connector, Single-Ended Cordsets,  
According to IEC 61076-2-101**

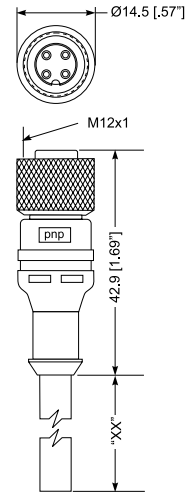
RKT/LED | RKWT/LED



**3- and 4-Poles (LED)**

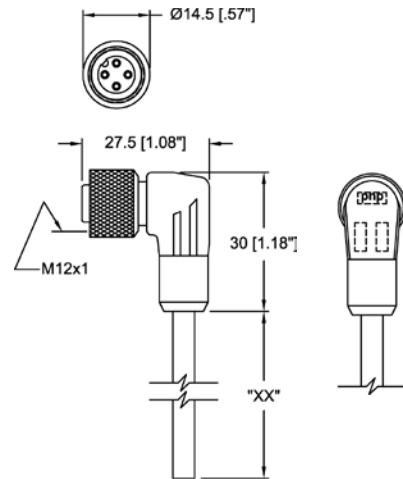
Actuator/sensor cordset, single-ended, M12, 3- and 4-poles, female straight connector with LED operation and function indicator with self-locking thread and molded cable.

**RKT/LED**



Actuator/sensor cordset, single-ended, M12, 3- and 4poles, female 90° connector with LED operation and function indicator with self-locking thread and molded cable.

**RKWT/LED**



**Pin Assignments**

**M12 - Male**

**3 poles**



- 1 = brown
- 2 = n.c.
- 3 = blue
- 4 = black

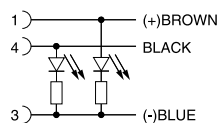
**4 poles**



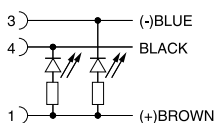
- 1 = brown
- 2 = white
- 3 = blue
- 4 = black

**Wiring Diagrams**

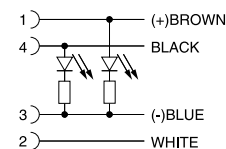
**A** pnp normally open = yellow-green



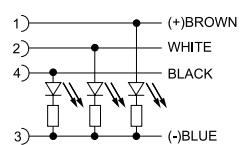
**C** npn normally open = yellow-green



**F** pnp normally closed/open = yellow-green



**P** pnp normally closed/open = yellow-yellow-green





Be Certain with Belden

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RKT/LED | RKWT/LED

**Technical Data**

**Environmental**

Degree of protection IP 67 / NEMA 6P  
 Operating temperature range -40°C (-40°F) / +90°C (+194°F)

**Mechanical**

Molded body TPU, translucent  
 Insert TPU  
 Contact CuSn, gold over nickel-plated  
 Coupling nut CuZn, nickel-plated  
 O-ring FKM

**Electrical**

Current rating 4 A  
 Voltage rating 10-30 V DC

**Cable Specifications**

Cable No.	Outer Jacket	Gauge	Jacket Color	OD
610	PUR	22AWG	Yellow	.190" (4.8 mm)
632	PVC	22AWG	Yellow	.190" (4.8 mm)
633	PVC	22AWG	Yellow	.190" (4.8 mm)
679	PUR	22AWG	Yellow	.190" (4.8 mm)

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RKT/LED A 4-3-610/...M	3	PUR	1M / 2 M / 5 M / 10 M	
RKT/LED A 4-3-632/...M		PVC	1M / 2 M / 5 M / 10 M	
RKT/LED C 4-3-610/...M		PUR	1M / 2 M / 5 M / 10 M	
RKT/LED C 4-3-632/...M		PVC	1M / 2 M / 5 M / 10 M	
RKT/LED F 4-633/...M	4	PVC	1M / 2 M / 5 M / 10 M	
RKT/LED F 4-679/...M		PUR	1M / 2 M / 5 M / 10 M	
		RKWT/LED P 4-633/...M	1M / 2 M / 5 M / 10 M	
		RKWT/LED P 4-679/...M	1M / 2 M / 5 M / 10 M	