

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

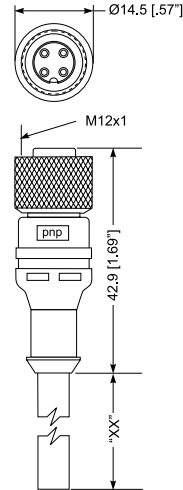
RKT/LED | RKWT/LED



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

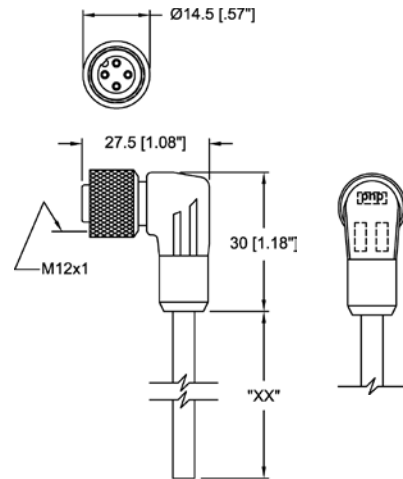
Actuator/sensor cordset, single-ended, M12, 3- and 4-poles, female straight connector with LED operation and function indicator with self-locking thread and molded cable.

**RKT/LED**



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

**RKWT/LED**



**Pin Assignments**

**M12 - Male**

**Wiring Diagrams**

**3 poles**



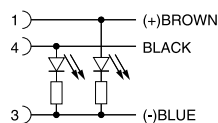
- 1 = brown
- 2 = n.c.
- 3 = blue
- 4 = black

**4 poles**

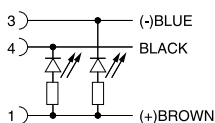


- 1 = brown
- 2 = white
- 3 = blue
- 4 = black

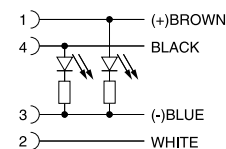
**A** pnp normally open = yellow-green



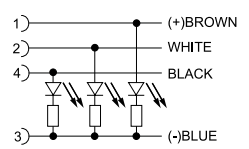
**C** npn normally open = yellow-green



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



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





# Be Certain with Belden

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

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	