

## M12-Round-Plug Connector, Single-Ended Cordsets, with LED

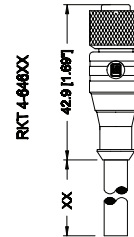
RKT/LED



### 3- and 4-Poles

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

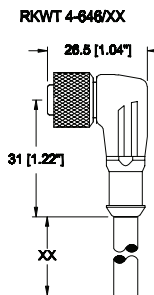


RKWT/LED



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.

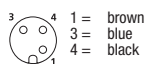
RKWT/LED



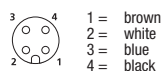
## Pin Assignments

### M12 - Female

#### 3 poles LED A

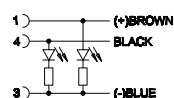


#### 4 poles LED F

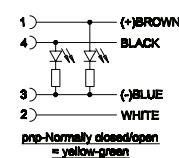


### Wiring Diagram

#### LED A



#### LED F



# Be Certain with Belden

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### Technical Data

#### Environmental

Degree of protection IP68 / Nema 6P  
Operating temperature range -40°C (-40°F) / +90°C (+194°F)

#### Mechanical







Housing / Molded body PUR, translucent gray  
Insert PUR, orange  
Contact CuZn, gold-plated  
Coupling nut CuZn, nickel-plated  
O-ring FKM

#### Electrical

Current rating 4A  
Voltage rating 10-30VDC

### Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
659	PVC	22 AWG	Gray	.190" (4.82 mm)
646	PVC	22 AWG	Gray	.190" (4.82 mm)

Part Number	Pins	LED	Standard Cable Lengths	Characteristics
RKT/LED A 4-3-659/...M	3	LED PNP	2M / 5M / 10M	 
RKWT/LED A 4-3-659/...M	3	LED PNP	2M / 5M / 10M	 
RKT/LED F 4-646/...M	4	LED PNP	2M / 5M / 10M	 
RKWT/LED F 4-646/...M	4	LED PNP	2M / 5M / 10M	