

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

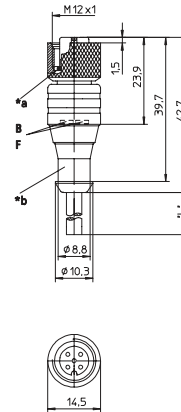
RKT/LED | RKWT/LED



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

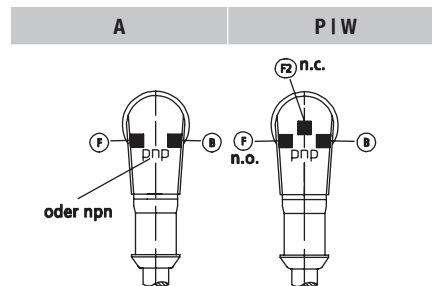
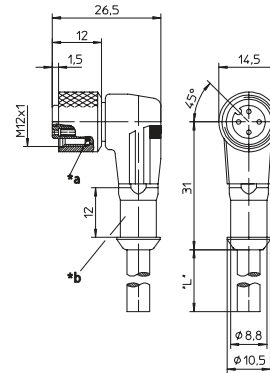
Actuator/sensor cordset, single-ended, M12, 3-, 4-, 5-, 8-, and 12-poles, female straight connector with LED operation and function indicator with self-locking thread and molded cable.

RKT/LED



Actuator/sensor cordset, single-ended, M12, 3-, 4-, 5-, 8-, and 12-poles, female 90° connector with LED operation and function indicator with self-locking thread and molded cable.

RKWT/LED

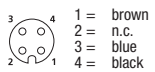


- \*a O-Ring
- \*b hose mounting
- B operation indicator green
- F function indicator yellow
- F2 function indicator yellow = P, white = W

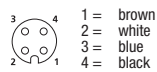
### Pin Assignments

M12 - Male

3 poles

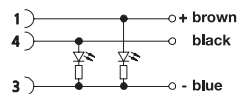


4 poles

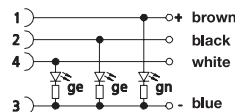


Wiring Diagrams

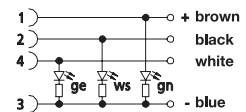
A pnp normally open = yellow-green



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



W pnp normally closed/open = yellow-white-green





Be Certain with Belden

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**Technical Data**

**Environmental**

Degree of protection IP 67 / NEMA 6P  
Operating temperature range -25°C (-13°F) / +80°C (+176°F)

**Mechanical**

Housing / Molded body TPU, translucent  
Insert TPU  
Contact CuSn (12 poles: CuZn), pre-nickeled and 0.3 microns gold-plated  
Coupling nut CuZn, nickel-plated  
O-ring FKM

**Electrical**

Contact resistance ≤ 5 mΩ  
Nominal current at 40°C 4 A  
Rated voltage 10-30 V DC  
Insulation resistance > 10<sup>9</sup> Ω

**Cable Specifications**

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
06	PVC	3 x 0.34 mm <sup>2</sup>	Orange	.197" (5.0 mm)
07	PVC	4 x 0.75 mm <sup>2</sup>	Orange	.197" (5.0 mm)
224	PUR, halogen-free	3 x 0.34 mm <sup>2</sup>	Black	.169" (4.3 mm)
225	PUR, halogen-free	4 x 0.34 mm <sup>2</sup>	Black	.185" (4.7 mm)
251	PUR, halogen-free welding spark proof	4 x 0.34 mm <sup>2</sup>	Orange	.185" (4.7 mm)
260	PUR, halogen-free welding spark proof	3 x 0.34 mm <sup>2</sup>	Orange	.177" (4.5 mm)
265	PUR, halogen-free	4 x 0.34 mm <sup>2</sup>	Grey	.185" (4.7 mm)

Cordsets  
Single-Ended

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RKT/LED A 4-3-06/...M	3	PVC	2 M / 5 M / 10 M	
RKT/LED A 4-3-224/...M		PUR, halogen-free	2 M / 5 M / 10 M	
RKT/LED A 4-3-260/...M		PUR, halogen-free / welding spark proof	2 M / 5 M / 10 M	
RKWT/LED P 4-07/...M	4	PVC	2 M / 5 M / 10 M	
RKWT/LED P 4-225/...M		PUR, halogen-free	2 M / 5 M / 10 M	
RKWT/LED P 4-251/...M		PUR, halogen-free / welding spark proof	2 M / 5 M / 10 M	
RKWT/LED W 4-265/...M	4	PUR, halogen-free	2 M / 5 M / 10 M	

# Mouser Electronics

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## Lumberg Automation:

[RKWT/LED P 4-07/10 M](#) [RKWT/LED A 4-3-224/110 M](#) [RKT/LED A 4-3-224/5 M](#) [RKWT/LED P 4-225/3 M](#)  
[RKWT/LED A 4-3-224/50 M](#) [RKWT/LED A 4-3-224/150 M](#) [RKT/LED A 4-3-06/10 M](#) [RKWT/LED A 4-3-224/125 M](#)  
[RKWT/LED P 4-225/15 M](#) [RKWT/LED P 4-225/2 M](#) [RKT/LED A 4-3-224/3 M](#) [RKWT/LED A 4-3-224/17 M](#) [RKWT/LED](#)  
[P 4-225/20 M](#) [RKWT/LED A 4-3-224/80 M](#) [RKT/LED A 4-3-224/2 M](#) [RKWT/LED A 4-3-224/25 M](#) [RKWT/LED A 4-3-](#)  
[224/15 M](#) [RKWT/LED A 4-3-224/42 M](#) [RKWT/LED A 4-3-224/10 M](#) [RKWT/LED P 4-07/5 M](#) [RKWT/LED P 4-251/5 M](#)  
[RKWT/LED A 4-3-224/55 M](#) [RKWT/LED A 4-3-224/35 M](#) [RKWT/LED A 4-3-224/2 M](#) [RKWT/LED A 4-3-224/180 M](#)  
[RKWT/LED A 4-3-06/2 M](#) [RKWT/LED A 4-3-224/60 M](#) [RKWT/LED P 4-225/10 M](#) [RKWT/LED P 4-07/2 M](#) [RKWT/LED](#)  
[A 4-3-260/2 M](#) [RKWT/LED A 4-3-224/100 M](#) [RKWT/LED A 4-3-224/40 M](#) [RKWT/LED P 4-251/2 M](#) [RKWT/LED A 4-3-](#)  
[06/10 M](#) [RKT/LED A 4-3-224/10 M](#) [RKWT/LED A 4-3-224/45 M](#) [RKWT/LED A 4-3-224/57 M](#) [RKWT/LED A 4-3-](#)  
[224/200 M](#) [RKWT/LED A 4-3-224/115 M](#) [RKT/LED A 4-3-06/5 M](#) [RKWT/LED A 4-3-224/5 M](#) [RKWT/LED A 4-3-224/20](#)  
[M](#) [RKWT/LED A 4-3-06/5 M](#) [RKWT/LED A 4-3-224/70 M](#) [RKWT/LED A 4-3-224/30 M](#) [RKWT/LED P 4-225/5 M](#)