

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

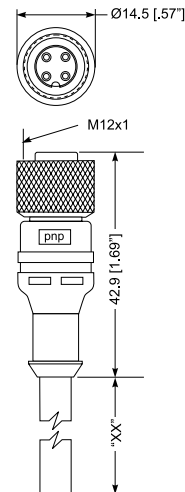
RKT/LED | RKWT/LED



3- and 4-Poles (LED)

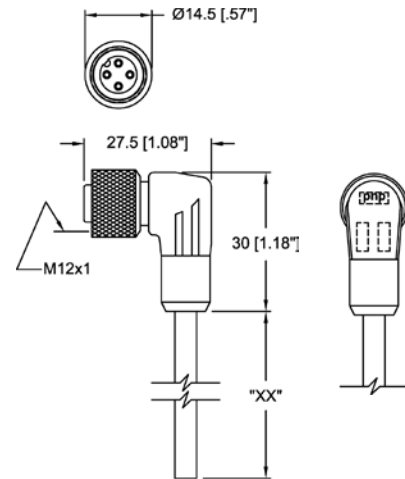
Actuator/sensor cordset, single-ended, M12, 3- and 4-poles, female straight connector with LED operation and function indicator with self-locking thread and molded cable.

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

3 poles



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

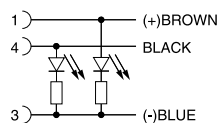
4 poles



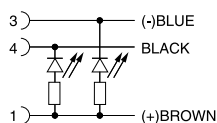
1 = brown
2 = white
3 = blue
4 = black

Wiring Diagrams

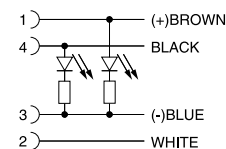
A pnp normally open = yellow-green



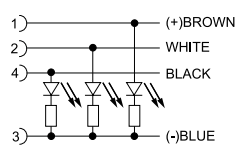
C npn normally open = yellow-green

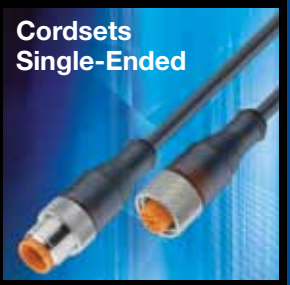


F pnp normally closed/open = yellow-green



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	RKWT/LED A 4-3-610/...M	3	PUR	1M / 2 M / 5 M / 10 M	
RKT/LED A 4-3-632/...M	RKWT/LED A 4-3-632/...M		PVC	1M / 2 M / 5 M / 10 M	
RKT/LED C 4-3-610/...M	RKWT/LED C 4-3-610/...M		PUR	1M / 2 M / 5 M / 10 M	
RKT/LED C 4-3-632/...M	RKWT/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		PVC	1M / 2 M / 5 M / 10 M	
	RKWT/LED P 4-679/...M		PUR	1M / 2 M / 5 M / 10 M	

Mouser Electronics

Authorized Distributor

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