M12-Round-Plug Connector, Single-Ended Cordsets, According to IEC 61076-2-101
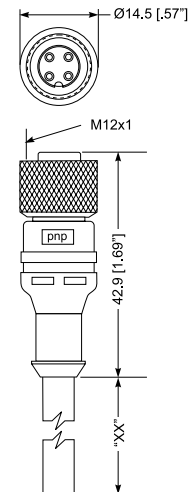
**RKT/LED | RKWT/LED**

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
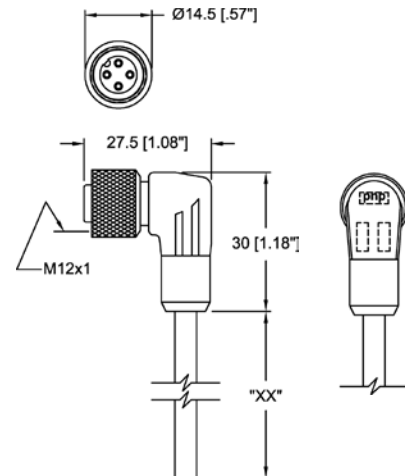
Pin Assignments

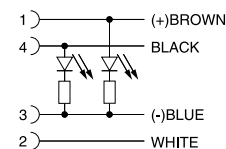| M12 - Male		Wiring Diagrams			
3 poles	**4 poles**	**A** pnp normally open = yellow-green	**C** npn normally open = yellow-green	**F** pnp normally closed/open = yellow-green	**P** pnp normally closed/open = yellow-yellow-green
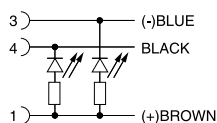
3 poles
1 = brown
2 = n.c.
3 = blue
4 = black

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

A pnp normally open = yellow-green
1 — (+)BROWN
4 — BLACK
3 — (-)BLUE

C npn normally open = yellow-green
3 — (-)BLUE
4 — BLACK
1 — (+)BROWN

F pnp normally closed/open = yellow-green
1 — (+)BROWN
4 — BLACK
3 — (-)BLUE
2 — WHITE

P pnp normally closed/open = yellow-yellow-green
1 — (+)BROWN
2 — WHITE
4 — BLACK
3 — (-)BLUE
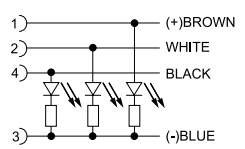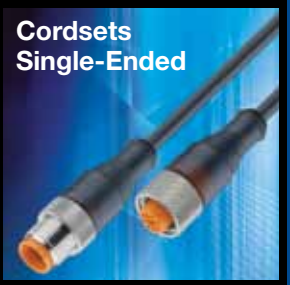
Be Certain with Belden

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	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	