lumbergautomation
A BELDEN BRAND

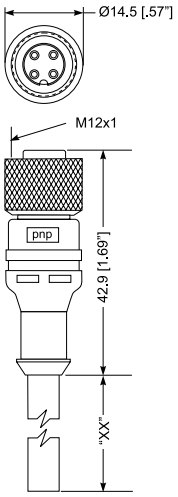
M12-Round-Plug Connector, Single-Ended Cordsets, According to IEC 61076-2-101

RKT/LED | RKWT/LED

3- and 4-Poles (LED)

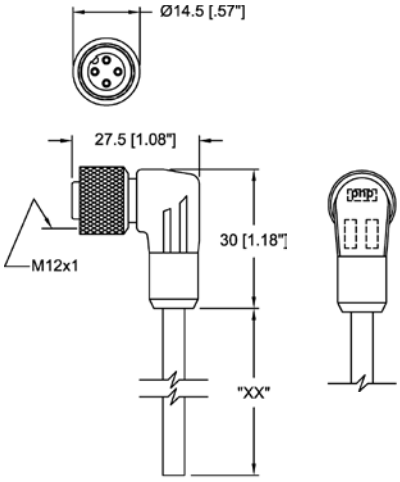
Actuator/sensor cordset, single-ended, M12, 3- and 4-poles, female straight connector with LED operation and function indicator with self-locking thread and molded cable.

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

3 poles

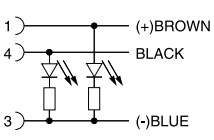
1 = brown
2 = n.c.
3 = blue
4 = black

4 poles

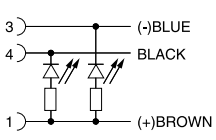
1 = brown
2 = white
3 = blue
4 = black

Wiring Diagrams

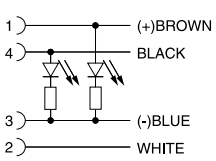
A pnp normally open = yellow-green



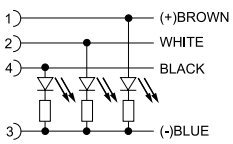
C npn normally open = yellow-green

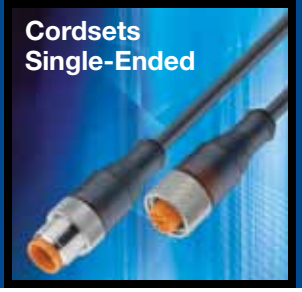


F pnp normally closed/open = yellow-green



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





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**	**22**AWG	Yellow	.190" (4.8 mm)
632	**PVC**	**22**AWG	Yellow	.190" (4.8 mm)
633	**PVC**	**22**AWG	Yellow	.190" (4.8 mm)
679	**PUR**	**22**AWG	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	