

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

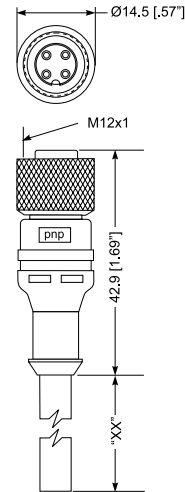
RKT/LED | RKWT/LED



3- and 4-Poles (LED)

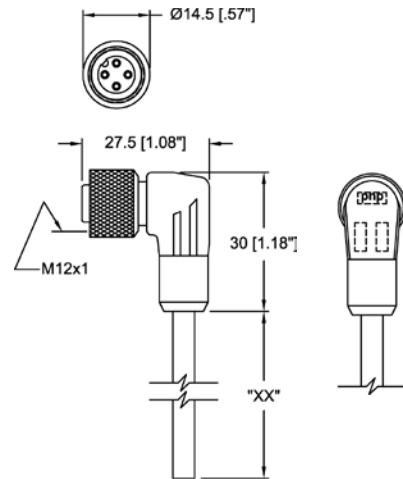
Actuator/sensor cordset, single-ended, M12, 3- and 4-poles, female straight connector with LED operation and function indicator with self-locking thread and molded cable.

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

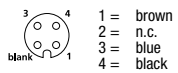


Pin Assignments

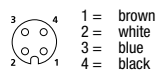
M12 - Male

Wiring Diagrams

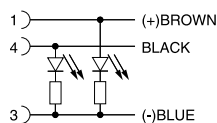
3 poles



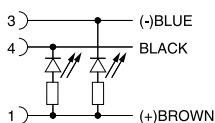
4 poles



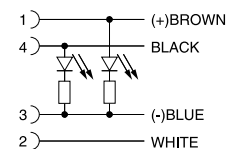
A pnp normally open = yellow-green



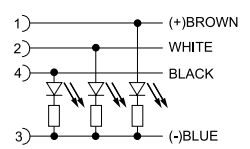
C npn normally open = yellow-green

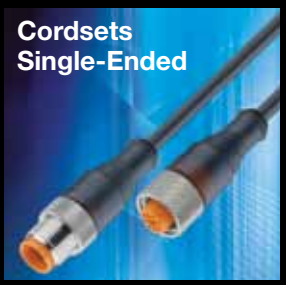


F pnp normally closed/open = yellow-green



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





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