

Product: [RKCW/LED 4/9](#) 



M12 Field Attachable Connector: female, angled, 4-pin, A-coded, unshielded, transparent housing, screw type, 230 V AC/DC

Product Description

M12 Field Attachable Connector: male, angled, 5-pin, A-coded, unshielded, transparent housing, screw type, 50 V AC / 60 V DC

Technical Specifications

Technical Data

| | |
|-----------------------------------|--|
| Product Family: | Sensor / Actuator Connectors |
| Product Sub Family: | M12 Standard |
| Brand: | Belden |
| Connector Type: | Field attachable |
| Type of Contact / Gender: | female |
| Connector Design: | angled |
| Number of Pins: | 4 |
| Coding: | A |
| Attachment Type: | Coupling Nut |
| Rated Voltage: | 30 V |
| Rated Voltage (UL): | 50 V AC/DC |
| Operating Voltage: | 10 - 30 V |
| Rated Current*: | 4 A |
| Rated Current (UL)*: | 4 A / 2.5 A |
| Contact Resistance: | ≤ 10 mOhm |
| Insulation Resistance: | > 10 ⁹ Ohm |
| Mating Cycles: | ≤ 50 |
| Type of Connection: | screw terminal |
| Maximum Wire Cross Section: | max. 0,75 mm ² |
| Cable Gland: | PG9 |
| Strain-Relief: | clamping cage |
| Suitable Cables: | Ø6 - Ø8 mm |
| Ambient Temperature (Operation)*: | -25°C to +85°C |
| Operating Temperature (UL): | max. 65 °C |
| Protection Degree / IP Rating**: | IP67 |
| Design Standard: | IEC 61076-2-101 |
| Pollution Degree: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Clearance / Creepage Distance: | DIN EN 60664-1 (2008/01); VDE 0110-1 |
| Overvoltage Category: | II acc. to DIN EN 60664-1 (VDE 0110-1) |

Materials

| | |
|--------------------------------------|-----------|
| Contact Base Material: | CuZn |
| Contact Plating: | CuSnZn |
| Contact Bearer Material: | PA |
| Contact Bearer Color: | black |
| Flammability Class (Contact Bearer): | UL 94 V-2 |

| | |
|-------------------------------|---------------|
| Housing Material: | PA |
| Housing Color: | transparent |
| Flammability Class (Housing): | UL 94 V-2 |
| Cable Gland Material: | PBT |
| Cable Gland Gasket: | NBR, black |
| Attachment Material: | CuZn |
| Attachment Plating: | nickel-plated |
| O-Ring Material: | FKM/NBR |

Additional Technical Data

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|--------------------------------|---------------------------------|
| Fastening Torque (Attachment): | M 12x1: (50-60) Ncm, hand-tight |
|--------------------------------|---------------------------------|

Approvals

| | |
|----------|----------------|
| UL-File: | E315587 |
| UL: | UL 2238; cURus |

Safety & Environmental Compliance

| | |
|-----------------|-----|
| RoHS Compliant: | yes |
|-----------------|-----|

Notes

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|-------------------------------------|--|
| Note Derating: | * Notice derating |
| Protection Degree / IP Rating Note: | ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector. |

Variants

| Item # | Item Description |
|--------|------------------|
| 93984 | RKCW/LED 4/9 |

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