



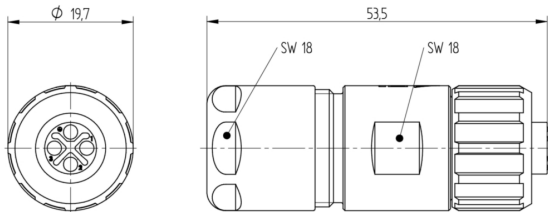
Product: [RKCS 4S/11](#)

M12 Power Field Attachable Connector: Female, straight, 4-pin(3+PE), S-coded, shielded, silver housing, screw type, 600 V AC/DC

Product Description

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Technical Drawing



Technical Specifications

Technical Data

| | |
|----------------------------------|-----------------------|
| Product Family: | Power Connector |
| Product Sub Family: | M12 Power |
| Brand: | Lumberg Automation |
| Connector Type: | Field attachable |
| Type of Contact / Gender: | female |
| Connector Design: | straight |
| Number of Pins: | 4(3+PE) |
| Coding: | S |
| Shielding: | Shielded |
| Attachment Type: | Coupling Nut |
| Rated Voltage: | 630 V |
| Rated Impulse Voltage: | 6.0 kV |
| Operating Voltage: | 600 V AC/DC |
| Contact Resistance: | ≤ 10 mOhm |
| Insulation Resistance: | > 10 ⁹ Ohm |
| Mating Cycles: | ≤ 100 |
| Type of Connection: | Screw |
| Cable Gland: | PG 11 |
| Maximum Wire Isolation Diameter: | max. Ø2,9 mm |
| Strain-Relief: | clamping cage |

| | |
|-----------------------------------|--|
| Suitable Cables: | 3 gaskets enclosed (Ø3 - Ø6 mm, Ø5 - Ø9 mm, Ø8 - Ø11 mm) |
| Ambient Temperature (Operation)*: | -40 °C to +125 °C, notice derating |
| Protection Degree / IP Rating**: | IP65, IP67 |
| Design Standard: | IEC 61076-2-111 |
| 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: | III acc. to DIN EN 60664-1 (VDE 0110-1) |

Materials

| | |
|--------------------------------------|-------------------|
| Contact Base Material: | CuZn |
| Contact Plating: | Cu/Au |
| Contact Bearer Material: | PBT GF |
| Contact Bearer Color: | black |
| Flammability Class (Contact Bearer): | UL 94 V-2 |
| Housing Material: | CuZn |
| Housing Plating: | Ni |
| Housing Color: | silver |
| Cable Gland Material: | CuZn |
| Cable Gland Plating: | Ni |
| Cable Gland Gasket: | NBR |
| Strain-Relief Material: | PBT GF |
| Flammability Class (Strain Relief): | UL 94 V-2 |
| Attachment Material: | CuZn |
| Attachment Plating: | Cu/Ni |
| Shielding Material: | CuZn, plating: Ni |
| O-Ring Material: | FKM |

Safety & Environmental Compliance

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

Notes

| | |
|-------------------------------------|--|
| 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 | Conductor Cross Section | Rated Current |
|-----------|------------------|-------------------------|---------------|
| 934935008 | RKCS 4S/11 | max 1.5 mm ² | 16 A |

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