

Product: [RSMGVS-8M-RSMGVS-1P-1014](#) 



SPE double ended cordset: M8 male straight 6P-M8 Code to M8 male straight 6P-M8 Code, IP65/67, XLPE

Product Description

SPE double ended cordset: M8 male straight 6P-M8 Code to M8 male straight 6P-M8 Code, IP65/67, XLPE

Technical Specifications

Face View Side 1

| Pin 1 | Pin 2 |
|---------------|-------|
| Natural White | Blue |

Face View Side 2

| Pin 1 | Pin 2 |
|---------------|-------|
| Natural White | Blue |

Product Description

| | |
|--------------------|--|
| Product Family: | SPE Cordset |
| Brand: | Lumberg Automation |
| Connector Type: | Cordset, double ended |
| Shielding: | Shielded |
| Rated Voltage: | 60 V |
| Operating Voltage: | 50 V AC / 60 V DC |
| Rated Current*: | 4 A |
| Data Transmission: | 1 Gbit/s bis 40 m / 10 Mbit/s bis 1000 m |

Technical Data Side 1

| | |
|--------------------------------------|---------------------------------------|
| Product Sub Family: | SPE Cordset M8 (T1 Industrial) |
| Type of Contact / Gender: | Male |
| Connector Design: | Straight |
| Attachment Type: | Screw-Locking |
| Number of Pins: | 2 |
| Contact Resistance: | ≤ 10 mOhm |
| Insulation Resistance: | > 5x10 ⁸ Ohm |
| Mating Cycles: | ≤ 100 |
| Ambient Temperature (Operation)*: | - 40 °C - + 90 °C (Cable +80 °C) |
| Protection Degree / IP Rating**: | IP65, IP67 |
| Design Standard: | IEC 63171-6 |
| Pollution Degree: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Clearance / Creepage Distance: | DIN EN 60664-1 (2008/01); VDE 0110-1 |
| Contact Base Material: | CuSn |
| Contact Plating: | Cu/Au |
| Contact Bearer Material: | PA |
| Contact Bearer Color: | Black |
| Flammability Class (Contact Bearer): | UL 94 V-0 |
| Molded Body Material: | TPU |

| | |
|-----------------------------------|---------------------------|
| Molded Body Color: | Black |
| Flammability Class (Molded Body): | UL 94 V-0 |
| Attachment Material: | CuZn |
| Attachment Plating: | Nickel-plated |
| Fastening Torque (Attachment): | M 8x1: 40 Ncm, hand-tight |

Cable Data

| | |
|---|----------------------------------|
| Cable Number: | 1014 |
| Number of Wires: | 2 |
| Conductor material: | Cu |
| Cable Jacket Material: | XLPE |
| Cable Jacket Color: | black |
| Cable Diameter D: | ø 4.80 ± 0.20 mm |
| Wire Insulation Material: | PP |
| Insulated Wire Diameter: | ø 1,65 ±0.1 mm |
| Overall Shield (Cable): | Tinned copper |
| Foil shield: | Al-mylar wrapping foil |
| Ambient Temperature (Fixed Installation): | - 40 °C - +80 °C |
| UL Cable Type: | AWM: 22303 |
| Flammability Class (Cable Jacket): | FT-2 |
| Cable Characteristics: | Exclusion of dangerous materials |

Technical Data Side 2

| | |
|--|---------------------------------------|
| Product Sub Family, Side 2: | SPE M8 Cordset |
| Type of Contact / Gender, Side 2: | Male |
| Connector Design, Side 2: | Straight |
| Attachment Type, Side 2: | Screw-Locking |
| Contact Resistance, Side 2: | ≤ 10 mOhm |
| Insulation Resistance, Side 2: | > 5x10 ⁸ Ohm |
| Mating Cycles, Side 2: | ≤ 100 |
| Ambient Temperature (Operation), Side 2*: | - 40 °C - + 90 °C (Cable +80 °C) |
| Protection Degree / IP Rating, Side 2**: | IP65, IP67 |
| Design Standard, Side 2: | IEC 63171-6 |
| Pollution Degree, Side 2: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Overvoltage Category, Side 2: | PA |
| Contact Plating, Side 2: | Cu/Au |
| Contact Bearer Material, Side 2: | TPU |
| Contact Bearer Color, Side 2: | Black |
| Flammability Class (Contact Bearer), Side 2: | UL 94 V-0 |
| Molded Body Material, Side 2: | UL 94 V-0 |
| Molded Body Color, Side 2: | Black |
| Attachment Material, Side 2: | CuZn |
| Attachment Plating, Side 2: | Nickel-plated |
| Fastening Torque (Attachment), Side 2: | M 8x1: 40 Ncm, hand-tight |

Safety & Environmental Compliance

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

Notes

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|----------------|-----------------|
| Note Derating: | Notice derating |
|----------------|-----------------|

Variants

| Item # | Item Description | Cable Length |
|-----------|-------------------------------|--------------|
| 935100315 | RSMGVS-8M-RSMGVS-8M-1014/1 M | 1 m |
| 935100317 | RSMGVS-8M-RSMGVS-8M-1014/2 M | 2 m |
| 935100320 | RSMGVS-8M-RSMGVS-8M-1014/5 M | 5 m |
| 935100313 | RSMGVS-8M-RSMGVS-8M-1014/10 M | 10 m |
| 935100314 | RSMGVS-8M-RSMGVS-8M-1014/15 M | 15 m |

| | | |
|-----------|-------------------------------|------|
| 935100316 | RSMGVS-8M-RSMGVS-8M-1014/20 M | 20 m |
| 935100318 | RSMGVS-8M-RSMGVS-8M-1014/30 M | 30 m |
| 935100319 | RSMGVS-8M-RSMGVS-8M-1014/40 M | 40 m |

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