

Product: [PP12M-MSSV5A-0183](#) 

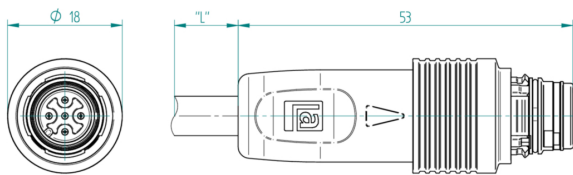


M12 pigtail, Push Pull, industrial sensor cable, PVC orange cable, shielded, male, straight, A-coded, 5-Pin, 5x0.34mm²

Product Description

M12 pigtail, Push Pull, industrial sensor cable, PVC orange cable, shielded, male, straight, A-coded, 5-Pin, 5x0.34mm², 50 V AC / 60 V DC, 4 A, - 25 °C - + 70 °C (operating temp.), IP65, IP67

Technical Drawing



Technical Specifications

Technical Data

| | |
|-----------------------------------|------------------------------|
| Product Family: | Sensor / Actuator Connectors |
| Side 1 Product Sub Family: | M12 Standard push pull |
| Brand: | Lumberg Automation |
| Connector Type: | Cordset, single ended |
| Side 1 Type of Contact/Gender: | Male |
| Connector Design: | Straight |
| Number of Pins: | 5 |
| Coding, Side 1: | A |
| Shielding Type: | Shielded |
| Attachment Type: | Snap Ring |
| Voltage Rating: | 60 V |
| Rated Impulse Voltage: | 1.5 kV |
| Operating Voltage: | 50 V AC / 60 V DC |
| Current Rating: | 4 A |
| Contact Resistance: | ≤ 10 mOhm |
| Insulation Resistance: | > 10 ⁹ Ohm |
| Mating Cycles: | ≤ 100 |
| Ambient Temperature (Operation)*: | - 40 °C - + 85 °C |
| Protection Degree / IP Rating**: | IP65, IP67 |

| | |
|-----------------------|---|
| Pollution Degree: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Overvoltage Category: | III acc. to DIN EN 60664-1 (VDE 0110-1) |

Materials

| | |
|--------------------------------------|----------------------|
| Contact Base Material: | CuSn |
| Side 1 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 HB |
| Attachment Material: | PA |
| Shielding Material: | GD-Zn, nickel-plated |

Additional Technical Data

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|--------------------------------|----------|
| Fastening Torque (Attachment): | PushPull |
|--------------------------------|----------|

Cable Data

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|---|--|
| Cable Number: | 183 |
| Conductor Size: | 0.34 mm ² |
| Number of Wires: | 5 |
| Minimal Bending Radius (Fixed Inst): | > 8 x D |
| Minimal Bending Radius (Flexible Inst): | > 15 x D |
| Conductor Material: | Cu |
| Cable Jacket Material: | PVC |
| Cable Jacket Color: | orange |
| Cable Diameter D: | ø 5.85 ± 0.15 mm |
| Wire Insulation Material: | PVC |
| Insulated Wire Diameter: | ø 1.50 ± 0.05 mm |
| Overall Shield (Cable): | Cu-ETP1 tinned |
| Ambient Temperature (Fixed Installation): | - 30 °C - + 70 °C |
| Ambient Temperature (Flex Installation): | + 5 °C - + 70 °C |
| Flammability Class (Cable Jacket): | DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2 |
| Cable Characteristics: | Free of lacquer wetting disturbing substances, Exclusion of silicone |
| Core Colors: | brown, white, blue, black, grey |

Safety & Environmental Compliance

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

Resistances

| | |
|-----------------|-----|
| Halogenfree: | no |
| Oil Resistance: | 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. |

History

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|----------------------|---|
| Update and Revision: | Revision Number: 0.17 Revision Date: 05-04-2025 |
|----------------------|---|

Variants

| Item # | Item Description | Rated Current |
|-----------|------------------------|---------------|
| 935301016 | PP12M-MSSV5A-0183-0500 | 4 A |
| 935301015 | PP12M-MSSV5A-0183-0300 | 4 A |
| 935301014 | PP12M-MSSV5A-0183-0200 | 4 A |
| 935301013 | PP12M-MSSV5A-0183-0100 | 4 A |

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