



Product: [0905 203 302](#)

DeviceNet Power Supply Cable, 7/8" Power Double-Ended Cordset: Male straight to Female straight, 3-pin(2+PE), black body, 63 V, 12 A; PUR black cable, 1.00 mm²

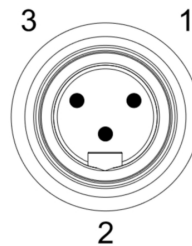
Product Description

0905 203 302 - DeviceNet Power Supply Cable, 7/8" Double-Ended Cordset: Male straight to Female straight, 3-pin(2+PE), black body, 63 V, 12 A; PUR black cable, 1.00 mm²

Technical Drawing

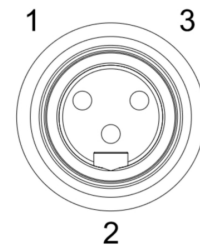


MALE FACE VIEW



1 = BK 1
2 = GN/YE
3 = BK 2

FEMALE FACE VIEW



1 = BK 1
2 = GN/YE
3 = BK 2

Technical Specifications

Product Description

| | |
|--------------------|-----------------------|
| Product Family: | Power Connector |
| Brand: | Lumberg Automation |
| Connector Type: | Cordset, double ended |
| Shielding: | Unshielded |
| Rated Voltage: | 63 V |
| Operating Voltage: | ≤ 50V AC / 60V DC |
| Rated Current*: | 12 A |

Technical Data Side 1

| | |
|-----------------------------------|---------------------------------------|
| Product Sub Family: | 7/8" |
| Type of Contact / Gender: | Male |
| Connector Design: | Straight |
| Attachment Type: | Coupling Nut [external threaded] |
| Number of Pins: | 3 |
| Coding: | A |
| Contact Resistance: | 10 mOhm |
| Insulation Resistance: | 10 ⁹ Ohm |
| Ambient Temperature (Operation)*: | -40 °C to +90 °C |
| Pollution Degree: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Contact Base Material: | CuZn |

| | |
|--------------------------|-------|
| Contact Plating: | Ag/Au |
| Contact Bearer Material: | TPU |
| Contact Bearer Color: | Black |
| Molded Body Material: | TPU |
| Molded Body Color: | Black |
| Attachment Material: | PA |

Cable Data

| | |
|---|---|
| Cable Number: | 203 |
| Conductor Size: | 1 mm ² |
| Number of Wires: | 3 |
| Minimal Bending Radius (Fixed Inst): | > 5 x D |
| Minimal Bending Radius (Flexible Inst): | > 10 x D |
| Cable Jacket Material: | PUR |
| Cable Jacket Color: | Black |
| Cable Diameter D: | Ø 6.5 mm |
| Wire Insulation Material: | PVC |
| Insulated Wire Diameter: | Ø 2.2 mm |
| Ambient Temperature (Fixed Installation): | -40 °C to +90°C |
| Ambient Temperature (Flex Installation): | -5 °C to +90°C |
| Ambient Temperature (Drag Chain Inst): | -5 °C to +60°C |
| Flammability Class (Cable Jacket): | VDE 0482-265-2-1, EN 50265-2-1, IEC 60332-1 |
| Cable Characteristics: | Continuous Flex cable; Resistances against, Oil, Grease ,Coolant, Tear, Vibration, UV, and Abrasion |

Technical Data Side 2

| | |
|---|---|
| Product Sub Family, Side 2: | 7/8" Circular Connectors |
| Type of Contact / Gender, Side 2: | Female |
| Connector Design, Side 2: | Straight |
| Attachment Type, Side 2: | Coupling Nut [internal threaded] |
| Number of Pins, Side 2: | 3 |
| Coding, Side 2: | A |
| Contact Resistance, Side 2: | 10 mOhm |
| Insulation Resistance, Side 2: | 10 ⁹ Ohm |
| Ambient Temperature (Operation), Side 2*: | -40 °C to +90 °C |
| Pollution Degree, Side 2: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Contact Base Material, Side 2: | CuZn |
| Contact Plating, Side 2: | Ag/Au |
| Contact Bearer Material, Side 2: | TPU |
| Contact Bearer Color, Side 2: | Black |
| Molded Body Material, Side 2: | TPU |
| Molded Body Color, Side 2: | Black |
| Attachment Material, Side 2: | PA |
| Attachment Plating, Side 2: | Black |
| Note, Side 2: | Do not connect or disconnect under load |

Safety & Environmental Compliance

| | |
|-----------------|-----|
| RoHS Compliant: | Yes |
|-----------------|-----|

Resistances

| | |
|-----------------|-----|
| Halogenfree: | Yes |
| Oil Resistance: | Yes |

Notes

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

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.35 Revision Date: 02-03-2025 |
|----------------------|---|

Variants

| Item # | Item Description | Cable Length |
|--------|--------------------|--------------|
| 71289 | 0905 203 302/0,6 M | 0.6 m |
| 12534 | 0905 203 302/3 M | 3 m |
| 12535 | 0905 203 302/5 M | 5 m |

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