



**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 mm<sup>2</sup>

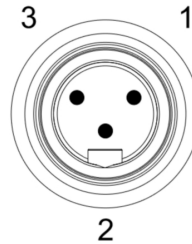
### Product Description

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 mm<sup>2</sup>

### Technical Drawing

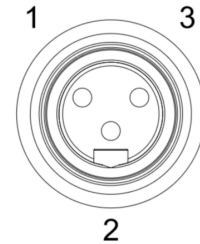


MALE FACE VIEW



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
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" Circular Connectors
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 <sup>9</sup> 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:	1.00 mm <sup>2</sup>
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 <sup>9</sup> 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
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## Resistances

Halogenfree:	Yes
Oil Resistance:	Yes

## Notes

Note Derating:	Notice derating
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## 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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