



**Product:** [0935 613 301-Y](#)

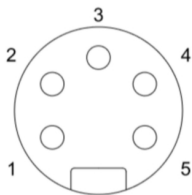
CANopen / DeviceNet, Cordset, double ended: 7/8", Male, Straight, 5 pole, to a, 7/8", Female, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet-THICK

### Product Description

CANopen / DeviceNet, Cordset, double ended: 7/8", Male, Straight, 5 pole, to a, 7/8", Female, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet-THICK

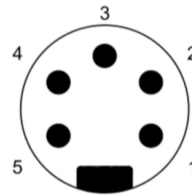
### Technical Drawing

#### Faceview MINI 7/8" Female

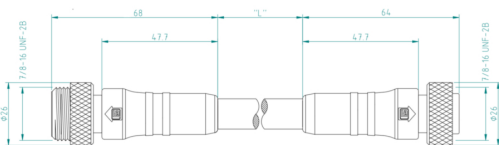


1 = Cu  
2 = RD  
3 = BK  
4 = WH  
5 = BU

#### Faceview MINI 7/8" Male



1 = Cu  
2 = RD  
3 = BK  
4 = WH  
5 = BU



### Technical Specifications

### Product Description

Product Family:	Data Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Shielded
Rated Voltage:	300 V
Rated Current*:	8 A
Data Transmission:	CANopen / DeviceNet

Technical Data Side 1

Product Sub Family:	7/8"
Type of Contact / Gender:	Male
Connector Design:	Straight
Attachment Type:	Coupling Screw with external threads
Number of Pins:	5
Coding:	A
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67
Contact Base Material:	CuZn
Contact Plating:	gold over silver plated
Contact Bearer Material:	TPU
Contact Bearer Color:	Yellow
Molded Body Material:	TPU
Molded Body Color:	Yellow
Attachment Material:	Al, anodized black

Cable Data

Cable Number:	613
Number of Wires:	2 Pair + Drain
Minimal Bending Radius (Fixed Inst):	> 7 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Cycles (Bending):	> 1 M
Conductor material:	TC - Tinned Copper
Cable Jacket Material:	PVC
Cable Jacket Color:	Grey
Cable Diameter D:	Ø 12.1 mm
Wire Insulation Material:	PVC-Power, Data-PE
Insulated Wire Diameter:	Power Ø2.77 mm, Data Ø3.81 mm
Overall Shield (Cable):	Braid, TC, 65% Coverage
Ambient Temperature (Fixed Installation):	- 20 to + 60°C (60°C UL)
UL Cable Type:	CMG, PLTC-ER or UL AWM 20201, CSA AWM I/II A/B
Flammability Class (Cable Jacket):	FT4, IEC 60332-1-2
Cable Characteristics:	Mechanical Resistances, Abrasion, Impact, Weathering; Chemical Resistances to Oils, Acids, Alkalis

Technical Data Side 2

Product Sub Family, Side 2:	7/8"
Type of Contact / Gender, Side 2:	Female
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Coupling Nut with internal threads
Number of Pins, Side 2:	5
Coding, Side 2:	A
Ambient Temperature (Operation), Side 2*:	- 40 °C - + 90 °C
Protection Degree / IP Rating, Side 2**:	IP65, IP67
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	gold over silver plated
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	Yellow
Molded Body Material, Side 2:	TPU

Molded Body Color, Side 2:	Yellow
Attachment Material, Side 2:	Al, anodized black
Note, Side 2:	Do not connect or disconnect under load.

Safety & Environmental Compliance

RoHS Compliant:	Yes
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Resistances

Oil Resistance:	Yes
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Notes

Protection Degree / IP Rating Note:	Protection Degree and IP Rating per test standard IEC 60529 using a Lumberg Automation mating product
Note Derating:	Notice derating

History

Update and Revision:	Revision Number: 0.6 Revision Date: 05-04-2025
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