

**Product:** [0935 614 303](#) 



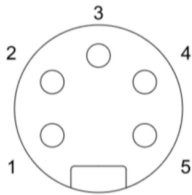
CANopen / DeviceNet, Cordset, single ended: 7/8", Female, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet THIN

**Product Description**

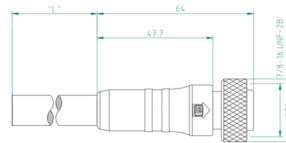
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**Technical Drawing**

**Faceview  
MINI 7/8"  
Female**



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



**Technical Specifications**

**Technical Data**

Product Family:	Data Connectors
Product Sub Family:	7/8"
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Type of Contact / Gender:	Female
Connector Design:	Straight
Number of Pins:	5
Coding:	A
Shielding:	Shielded
Attachment Type:	Coupling Nut with internal threads
Rated Voltage:	250 V
Rated Current*:	4 A

Data Transmission:	CANopen / DeviceNet
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67

## Materials

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:	Grey
Attachment Material:	Al, anodized black

## Cable Data

Cable Number:	614
Conductor Size:	5x 0.34 mm <sup>2</sup>
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
Cable Jacket Material:	PVC
Cable Jacket Color:	Grey
Cable Diameter D:	Ø 7.11 mm
Wire Insulation Material:	PVC-Power, Data-PE
Insulated Wire Diameter:	Power Ø1.80 mm, Data Ø2.00 mm
Overall Shield (Cable):	Braid, TC, 65% Coverage
Ambient Temperature (Fixed Installation):	- 20 to + 60°C (60°C UL)
UL Cable Type:	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

## Approvals

UL:	UL
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## Safety & Environmental Compliance

RoHS Compliant:	Yes
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## Resistances

Oil Resistance:	Yes
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## Notes

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

## Variants

Item #	Item Description	Cable Length
900001568	0935 614 303/0.3M	0.3 m
900001570	0935 614 303/1M	1 m
900001755	0935 614 303/2M	2 m
900004438	0935 614 303/3M	3 m
900001566	0935 614 303/4M	4 m
900001567	0935 614 303/5M	5 m
900001569	0935 614 303/6M	6 m
900002523	0935 614 303/7M	7 m

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