



**Product:** [0935 614 302](#) 

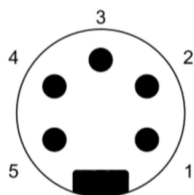
CANopen / DeviceNet, Cordset, single ended: 7/8", Male, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet THIN

### Product Description

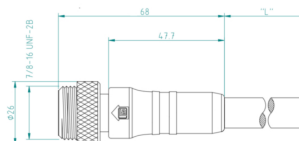
CANopen / DeviceNet, Cordset, single ended: 7/8", Male, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet THIN

### Technical Drawing

Faceview  
MINI 7/8"  
Male



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:	Male
Connector Design:	Straight
Number of Pins:	5
Coding:	A
Shielding:	Shielded
Attachment Type:	Coupling Screw with external 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 mm²
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
900001596	0935 614 302/0.3M	0.3 m
900001597	0935 614 302/1M	1 m
900001598	0935 614 302/2M	2 m
900001595	0935 614 302/3M	3 m
934637617	0935 614 302/3 M	3 m
900001757	0935 614 302/4M	4 m
900003016	0935 614 302/6M	6 m
900001720	0935 614 302/7M	7 m

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