

Product: [0935 613 306](#) 



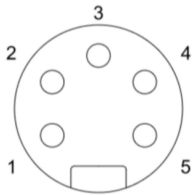
CANopen / DeviceNet, Cordset, single ended: 7/8", Female, Angled, 5 pole, with cable type, Grey, PVC, DeviceNet THICK

Product Description

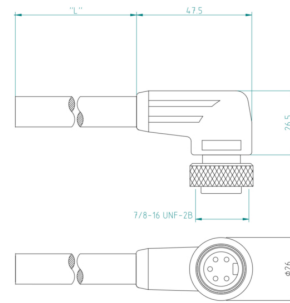
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Technical Drawing

Faceview
MINI 7/8"
Female



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



Technical Specifications

Technical Data

Product Family:	Data Connectors
Side 1 Product Sub Family:	7/8"
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Side 1 Type of Contact/Gender:	Female
Connector Design:	Angled
Number of Pins:	5
Coding, Side 1:	A
Shielding Type:	Shielded
Attachment Type:	Coupling Nut with internal threads
Voltage Rating:	300 V
Rated Impulse Voltage:	2.5 kV

Current Rating:	8 A
Data Transmission Type:	CANopen / DeviceNet
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67

Materials

Contact Base Material:	CuZn
Side 1 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
O-Ring Material:	FKM

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
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

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
Note:	Further technical information about the stranded wire see 908... Don't switch the connector under electrical load

Variants

Item #	Item Description	Cable Length
900004287	0935 613 306/0.3M	0.3 m
900004288	0935 613 306/1M	1 m
900004289	0935 613 306/2M	2 m
900004290	0935 613 306/3M	3 m
900004291	0935 613 306/5M	5 m
900004292	0935 613 306/10M	10 m

regulations based on their individual usage of the product.