



Product: [0935 613 302](#)

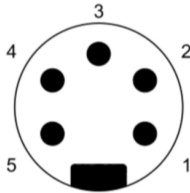
CANopen / DeviceNet, Cordset, single ended: 7/8", Male, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet THICK

Product Description

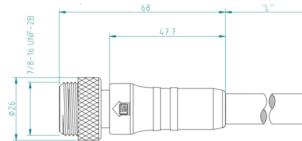
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Technical Drawing

Faceview
MINI 7/8"
Male



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



Technical Specifications

Technical Data

Product Family:	Data Connectors
Side 1 Product Sub Family:	7/8"
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Side 1 Type of Contact/Gender:	Male
Connector Design:	Straight
Number of Pins:	5
Coding, Side 1:	A
Shielding Type:	Shielded
Attachment Type:	Coupling Screw with external threads
Voltage Rating:	300 V
Current Rating:	8 A

Data Transmission Type:	CANopen / DeviceNet
Mating Cycles:	max. 50
Cable Gland:	M16 x 1.5, color see standard article
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67
Pollution Degree:	3

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
Housing Material:	TPU
Housing Color:	yellow
Attachment Material:	Al, anodized black
Gasket Material:	NBR

Cable Data

Cable Number:	613
Conductor Size:	max. 1.5 mm ²
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

Variants

Item #	Item Description	Cable Length
900005122	0935 613 302/0.6M	0.6 m
900001756	0935 613 302/1M	1 m
910001756	0935 613 302/1M-Y	1 m
900001746	0935 613 302/2M	2 m
910001746	0935 613 302/2M-Y	2 m
900001591	0935 613 302/3M	3 m
71277	0935 613 302/3 M	3 m
910001591	0935 613 302/3M-Y	3 m
900001961	0935 613 302/5M	5 m
910001961	0935 613 302/5M-Y	5 m

900002937	0935 613 302/6M	6 m
53655	0935 613 302/6 M	6 m
910002937	0935 613 302/6M-Y	6 m
900003070	0935 613 302/10M	10 m
910003070	0935 613 302/10M-Y	10 m

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