

**Product:** [0935 710 303](#) 

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

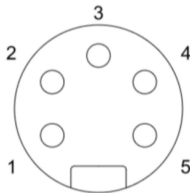


**Product Description**

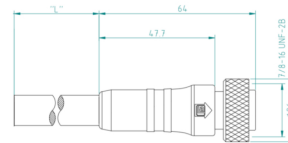
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**Technical Drawing**

Faceview  
MINI 7/8"  
Female



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



**Technical Specifications**

**Technical Data**

Product Family:	Data Connectors
Side 1 Product Sub Family:	7/8"
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Side 1 Type of Contact/Gender:	Female
Connector Design:	Straight
Number of Pins:	5
Coding, Side 1:	A
Shielding Type:	Shielded
Attachment Type:	Coupling Nut with internal threads
Voltage Rating:	300 V
Current Rating:	4 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

## Cable Data

Cable Number:	710
Number of Wires:	2 Pair + Drain
Minimal Bending Radius (Fixed Inst):	> 7 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Cycles (Bending):	> 10 M
Cable Jacket Material:	TPE
Cable Jacket Color:	Black
Cable Diameter D:	Ø 7.11 mm
Wire Insulation Material:	PVC-Power, Data-PP
Insulated Wire Diameter:	Power Ø2.00mm, Data Ø1.57mm
Overall Shield (Cable):	Overall Braid, TC, 65% Coverage, Pairs Alum+Poly 100% coverage
Ambient Temperature (Fixed Installation):	- 20 to + 70°C
UL Cable Type:	UL AWM 20626, CSA AWM I/II A/B
Flammability Class (Cable Jacket):	FT4
Cable Characteristics:	Mechanical Resistances, Abrasion, Impact, Weathering; Chemical Resistances to Oils, Acids, Alkalis; High Flex, C-Track Rated

## 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
900001396	0935 710 303/1M	1 m
910001396	0935 710 303/1M-Y	1 m
900001397	0935 710 303/3M	3 m
910001397	0935 710 303/3M-Y	3 m
900001398	0935 710 303/5M	5 m
910001398	0935 710 303/5M-Y	5 m
900005123	0935 710 303/6M	6 m
900001399	0935 710 303/10M	10 m
910001399	0935 710 303/10M-Y	10 m

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