



Product: [0935 613 303](#)

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

Product Description

0935 613 303-Y - CANopen / DeviceNet, Cordset, single ended: 7/8", Female, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet THICK

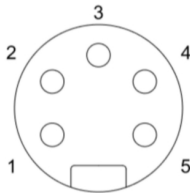
Technical Drawing



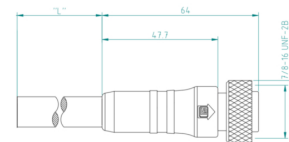
Pin Assignment

male connector / female connector, 5 poles	Function	Color
Pin 1	Shield	bare
Pin 2	+ 24 V	red
Pin 3	GND (0 V)	black
Pin 4	CAN_H	white
Pin 5	CAN_L	blue

**Faceview
MINI 7/8"
Female**



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



Technical Specifications

Product Description

Product Family:	Data Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Shielding Type:	Shielded
Voltage Rating:	300 V
Rated Voltage (UL):	300 V
Current Rating:	8 A
Data Transmission Type:	CANopen / DeviceNet
Data Transmission Rate:	CANopen / DeviceNet

Technical Data Side 1

Side 1 Product Sub Family:	7/8"
Side 1 Type of Contact/Gender:	Female
Connector Design:	Straight
Attachment Type:	Coupling Nut with internal threads
Number of Pins:	5
Coding, Side 1:	A
Ambient Temperature (Operation)*:	-40° C - +90° C
Protection Degree / IP Rating**:	IP68
Contact Base Material:	CuZn
Side 1 Contact Plating:	gold over silver plated
Contact Bearer Material:	PUR, yellow
Contact Bearer Color:	Yellow
Molded Body Material:	Black
Molded Body Color:	Grey
Housing Color:	yellow
Attachment Material:	Al, anodized black
O-Ring Material:	2 Pair + Drain

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
Conductor Material:	Cu
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

Protection Degree / IP Rating Note:	Protection Degree and IP Rating per test standard IEC 60529 using a Lumberg Automation mating product
Note Derating:	Do not connect or disconnect under load.

History

Update and Revision: Revision Number: 0.52 Revision Date: 04-30-2026

Variants

Item #	Item Description	Cable Length
900001561	0935 613 303/0.3M	0.3 m
910001561	0935 613 303/0.3M-Y	0.3 m
900004485	0935 613 303/0.6M	0.6 m
900002965	0935 613 303/1M	1 m
910002965	0935 613 303/1M-Y	1 m
900001748	0935 613 303/2M	2 m
71282	0935 613 303/2 M	2 m
910001748	0935 613 303/2M-Y	2 m
900001719	0935 613 303/3M	3 m
910001719	0935 613 303/3M-Y	3 m
900001749	0935 613 303/4M	4 m
910001749	0935 613 303/4M-Y	4 m
900002964	0935 613 303/5M	5 m
910002964	0935 613 303/5M-Y	5 m
900004437	0935 613 303/6M	6 m
900001562	0935 613 303/9M	9 m
910001562	0935 613 303/9M-Y	9 m
900001957	0935 613 303/10M	10 m
9991	0935 613 303/10 M	10 m
910001957	0935 613 303/10M-Y	10 m
900002314	0935 613 303/15M	15 m
910002314	0935 613 303/15M-Y	15 m
900001822	0935 613 303/20M	20 m
910001822	0935 613 303/20M-Y	20 m
900001564	0935 613 303/25M	25 m
910001564	0935 613 303/25M-Y	25 m
900001559	0935 613 303/30M	30 m
910001559	0935 613 303/30M-Y	30 m
900001560	0935 613 303/35M	35 m
910001560	0935 613 303/35M-Y	35 m
900002315	0935 613 303/40M	40 m
910002315	0935 613 303/40M-Y	40 m
900004042	0935 613 303/50M	50 m
910004042	0935 613 303/50M-Y	50 m

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