



Product: [0935 614 103](#)

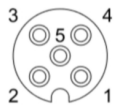
CANopen / DeviceNet, Cordset, double ended: M12 Standard, Male, Straight, 5 pole, to a, M12 Standard, Female, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet-THIN

Product Description

CANopen / DeviceNet, Cordset, double ended: M12 Standard, Male, Straight, 5 pole, to a, M12 Standard, Female, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet-THIN

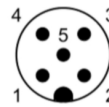
Technical Drawing

Faceview M12 Female

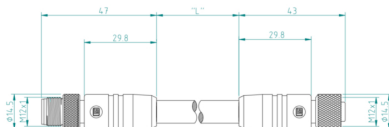


1 = Cu
2 = RD
3 = BK
4 = WH
5 = BU

Faceview M12 Male



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



Technical Specifications

Product Description

Product Family:	Data Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding Type:	Shielded
Voltage Rating:	250 V
Rated Impulse Voltage:	4.0 kV
Current Rating:	4 A
Data Transmission Type:	CANopen / DeviceNet

Technical Data Side 1

Side 1 Product Sub Family:	M12 Standard
Side 1 Type of Contact/Gender:	Male
Connector Design:	Straight
Attachment Type:	Coupling Screw with external threads
Number of Pins:	5
Coding, Side 1:	A
Mating Cycles:	max. 50
Cable Gland:	PG 11
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67
Clearance / Creepage Distance:	EN 60664-1 (2008/01); VDE 0110-1
Contact Base Material:	CuSn
Side 1 Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	Yellow
Molded Body Material:	TPU
Molded Body Color:	Grey
Attachment Material:	CuZn, Nickel-plated
Gasket Material:	SBR/NBR, cable gland
Fastening Torque (Cable Gland):	PG11: (250-375) Ncm
Fastening torque (mounting screw):	BZ 2,9x14: (40-50) Ncm
Accessories to Order Separately:	732-045-001, STASI 3, securing clip

Cable Data

Cable Type:	103
Cable Number:	614
Conductor Size:	max. 1.5 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
Conductor Material:	TC - Tinned Copper
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

Technical Data Side 2

Side 2 Product Sub Family:	M12 Standard
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Side 2 Type of Contact/Gender:	Female
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Coupling Nut with internal threads
Number of Pins, Side 2:	5
Coding, Side 2:	A
Ambient Temperature (Operation), Side 2*:	- 40 °C - + 90 °C
Protection Degree / IP Rating, Side 2**:	IP65, IP67
Contact Base Material, Side 2:	CuSn
Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	Black
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	Grey
Attachment Material, Side 2:	CuZn, Nickel-plated
Note, Side 2:	Do not connect or disconnect under load.

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:	Notice derating

History

Update and Revision:	Revision Number: 0.43 Revision Date: 05-04-2025
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Variants

Item #	Item Description	Cable Length
900001635	0935 614 103/0.3M	0.3 m
900002604	0935 614 103/0.6M	0.6 m
900001293	0935 614 103/1M	1 m
900001294	0935 614 103/2M	2 m
900001295	0935 614 103/3M	3 m
900001282	0935 614 103/4M	4 m
910001282	0935 614 103/4M-Y	4 m
900000479	0935 614 103/5M	5 m
900001296	0935 614 103/6M	6 m
900004818	0935 614 103/7M	7 m
900000481	0935 614 103/10M	10 m
910000481	0935 614 103/10M-Y	10 m
900001743	0935 614 103/15M	15 m
910001743	0935 614 103/15M-Y	15 m
900004859	0935 614 103/20M	20 m
900004860	0935 614 103/25M	25 m
900001633	0935 614 103/30M	30 m
900004861	0935 614 103/35M	35 m
900004862	0935 614 103/50M	50 m

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