

Product: [0935 614 105](#) 



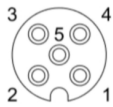
CANopen / DeviceNet, Cordset, single ended: M12 Standard, Female, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet THIN

Product Description

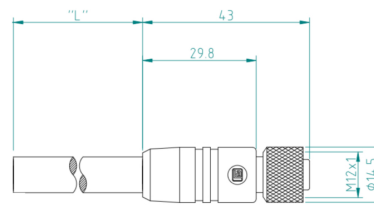
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Technical Drawing

Faceview
M12
Female



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



Technical Specifications

Technical Data

Product Family:	Data Connectors
Product Sub Family:	M12 Standard
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Type of Contact / Gender:	Female
Connector Design:	Straight
Number of Pins:	5
Coding:	A
Shielding:	Shielded
Attachment Type:	Coupling Nut with internal threads
Rated Voltage:	250 V
Rated Current*:	4 A

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

Materials

Contact Base Material:	CuSn
Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	Black
Molded Body Material:	TPU
Molded Body Color:	Grey
Attachment Material:	CuZn, Nickel-plated

Cable Data

Cable Number:	614
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 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

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
900016402	0935 614 105/2.5M	0.5 m
900000485	0935 614 105/1M	1 m
900001587	0935 614 105/2M	2 m
900001584	0935 614 105/3M	3 m
900001585	0935 614 105/4M	4 m
900000024	0935 614 105/5M	5 m
900001824	0935 614 105/6M	6 m
900016401	0935 614 105/7M	7 m
900000483	0935 614 105/10M	10 m

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