


**Product:** [0935 614 104](#) 



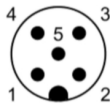
CANopen / DeviceNet, Cordset, single ended: M12 Standard, Male, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet THIN

### Product Description

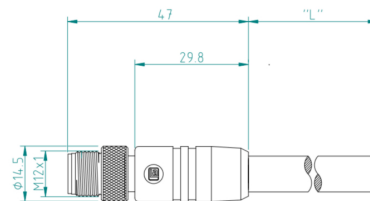
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### Technical Drawing

Faceview  
M12  
Male



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:	Male
Connector Design:	Straight
Number of Pins:	5
Coding:	A
Shielding:	Shielded
Attachment Type:	Coupling Screw with external 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:	Yellow
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
900016403	0935 614 104/2.5M	0.5 m
900000059	0935 614 104/1M	1 m
900000060	0935 614 104/2M	2 m
900000061	0935 614 104/3M	3 m
900000849	0935 614 104/4M	4 m
900000480	0935 614 104/5M	5 m
900001283	0935 614 104/6M	6 m
900016376	0935 614 104/10M	10 m
900005065	0935 614 104/15M	15 m

regulations based on their individual usage of the product.