

**Product:** [0935 710 105-Y](#) 



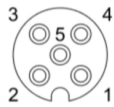
CANopen / DeviceNet, Cordset, single ended: M12 Standard, Female, Straight, 5 pole, with cable type, Black, TPE, DeviceNet THIN

### Product Description

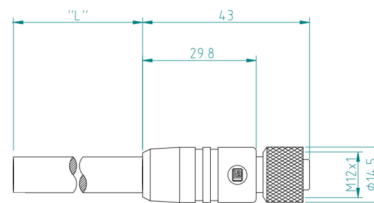
CANopen / DeviceNet, Cordset, single ended: M12 Standard, Female, Straight, 5 pole, with cable type, Black, TPE, DeviceNet THIN

### 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:	Yellow
Attachment Material:	CuZn, Nickel-plated

## 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

## 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

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