

Product: [0905 949 303](#) 

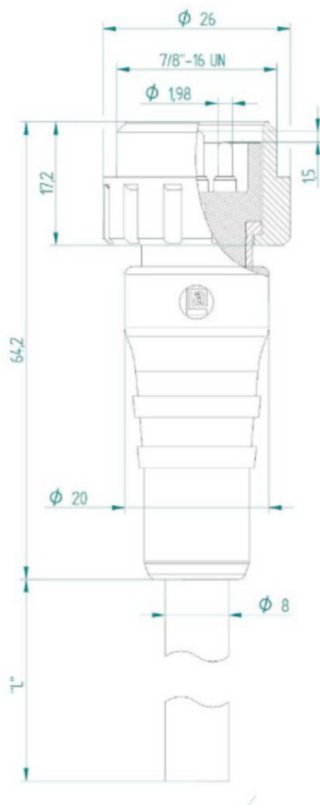


7/8" Power Single-Ended Cordset: Male straight, 5-pin, A-coded, Black body, 50 V AC/60 V DC, 9 A; PUR grey cable, 1.50 mm²

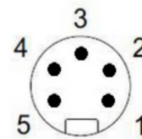
Product Description

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Technical Drawing



FACE VIEW MALE



- 1 = WH
- 2 = BU
- 3 = GY
- 4 = BN
- 5 = BK

Technical Specifications

Technical Data

Product Family:	Power Connector
Product Sub Family:	7/8"
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Type of Contact / Gender:	Male

Connector Design:	Straight
Number of Pins:	5
Shielding:	Unshielded
Attachment Type:	Coupling Screw
Rated Voltage:	63 V
Operating Voltage:	50 V AC / 60 V DC
Rated Current*:	9 A
Contact Resistance:	≤ 5 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Ambient Temperature (Operation)*:	-40 °C to +90 °C
Protection Degree / IP Rating**:	IP68 (2h at 10 bar)
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuZn
Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	Grey
Molded Body Material:	TPU
Molded Body Color:	Black
Attachment Material:	PA, black

Cable Data

Cable Number:	949
Conductor Size:	1.50 mm ²
Number of Wires:	5
Minimal Bending Radius (Fixed Inst):	> 4 x D
Minimal Bending Radius (Flexible Inst):	> 7.5 x D
Cycles (Bending):	> 10 M
Conductor material:	Cu
Cable Jacket Material:	PUR
Cable Jacket Color:	grey (RAL 7032)
Cable Diameter D:	ø 8.0 ±0.20 mm
Wire Insulation Material:	PP
Insulated Wire Diameter:	ø 2.35 mm
Ambient Temperature (Fixed Installation):	-40 °C to +90 °C (UL AWM 80°C)
Ambient Temperature (Flex Installation):	-30 °C to +90 °C (UL AWM 80°C)
Ambient Temperature (Fixed Installation short-term 100h):	-40 °C to +125 °C
Ambient Temperature (Drag Chain Inst):	-20 °C to +60 °C
UL Cable Type:	AWM: 20939
Flammability Class (Cable Jacket):	VDE 0482-332-1-2, DIN EN 60332-1-2 / IEC 60332-1 / UL VW-1, CSA FT1

Safety & Environmental Compliance

RoHS Compliant:	Yes
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Notes

Note Derating:	* Notice derating
Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.

History

Update and Revision:	Revision Number: 0.6 Revision Date: 02-21-2024
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