





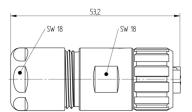
M12 Power Field Attachable Connector: Female, straight, 5-pin(4+FE), L-coded, shielded, silver housing, crimp type, 50 V AC/60 V DC

# **Product Description**

M12 Power Field Attachable Connector: Female, straight, 5-pin(4+FE), L-coded, shielded, silver housing, crimp type, 50 V AC/60 V DC

# **Technical Drawing**





# **Technical Specifications**

# **Technical Data**

Product Family:	Power Connector					
Product Sub Family:	M12 Power					
Brand:	Lumberg Automation					
Connector Type:	Field attachable					
Type of Contact / Gender:	female					
Connector Design:	straight					
Number of Pins:	5(4+FE)					
Coding:	L					
Shielding:	Shielded					
Attachment Type:	Coupling Nut					
Rated Voltage:	63 V					
Rated Impulse Voltage:	1.5 kV					
Operating Voltage:	50 V AC / 60 V DC					
Contact Resistance:	≤ 10 mOhm					
Insulation Resistance:	> 10^9 Ohm					
Mating Cycles:	≤ 100					
Type of Connection:	crimp					
Cable Gland:	PG 11					
Maximum Wire Isolation Diameter:	max. Ø2,9 mm					
Strain-Relief:	clamping cage					

Suitable Cables:	3 gaskets enclosed (Ø3 - Ø6 mm, Ø5 - Ø9 mm, Ø8 - Ø11 mm)			
Ambient Temperature (Operation)*:	-40 °C to +125 °C, notice derating			
Protection Degree / IP Rating**:	IP65, IP67			
Design Standard:	EC 61076-2-111			
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)			
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1			
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)			

#### **Materials**

Contact Base Material:	CuNi
Contact Plating:	Cu/Au
Contact Bearer Material:	PBT GF
Contact Bearer Color:	grey
Flammability Class (Contact Bearer):	UL 94 V-2
Housing Material:	CuZn
Housing Plating:	Ni
Housing Color:	silver
Cable Gland Material:	CuZn
Cable Gland Plating:	Ni
Cable Gland Gasket:	NBR
Strain-Relief Material:	PBT GF
Flammability Class (Strain Relief):	UL 94 V-2
Attachment Material:	CuZn
Attachment Plating:	Cu/Ni
Shielding Material:	CuZn, plating: Ni
O-Ring Material:	FKM

### **Additional Technical Data**

Fastening Torque (Contact Screw):	M 12x1: (50-60) Ncm, hand-tight
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## Safety & Environmental Compliance

RoHS Compliant:
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### **Notes**

Note Derating:	* Notice derating			
Protection Degree / IP Rating Note:	ote: ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.			
Product Characteristics: To ensure ingress protection, please check the O-ring's position before connecting. Improperly positioned O-ring leads to ingress protection potential				

### Variants

Ite	em#	Item Description	<b>Conductor Cross Section</b>	Rated Current
9349	935005	RKCCS 5L/11 1,5	1.5 mm <sup>2</sup>	16 A
9349	935006	RKCCS 5L/11 2,5	2.5 mm <sup>2</sup>	16 A

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