



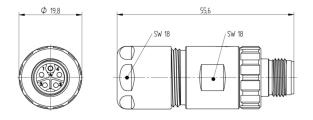
Product: <u>RSCCS 5K</u> 🛛

M12 Power Field Attachable Connector: Male, straight, 5-pin(4+PE), K-coded, shielded, silver housing, crimp type, 600 V AC/DC

Product Description

M12 Power Field Attachable Connector: Male, straight, 5-pin(4+PE), K-coded, shielded, silver housing, crimp type, 600 V AC/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:	male			
Connector Design:	straight			
Number of Pins:	5(4+PE)			
Coding:	к			
Shielding:	Shielded			
Attachment Type:	Coupling Screw			
Rated Voltage:	630 V			
Rated Impulse Voltage:	6.0 KV			
Operating Voltage:	600 V AC/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:	IEC 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:	blue	
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					
Safety & Environmental Compliance					
RoHS Compliant:	yes				

Notes

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

Variants

Item #	Item Description	Conductor Cross Section	Rated Current
934937002	RSCCS 5K/11 1,5	1.5 mm ²	16 A
934937003	RSCCS 5K/11 2,5	2.5 mm ²	16 A

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