



Product: RSCCS 5K ☑

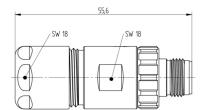
M12 Power Field Attachable Connector: Male, straight, 5-pin(4+PE), K-coded, shielded, silver housing, crimp type, 600 V AC/DC



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 N	lote: ** 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 mm²	16 A
934937003	RSCCS 5K/11 2,5	2.5 mm²	16 A

© 2024 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.