



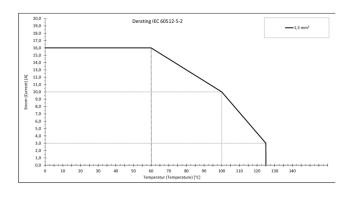
# Product: RKTS 4S-915

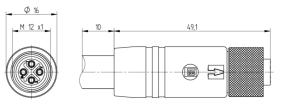
M12 Power Single-Ended Cordset: Female, straight, 4-pin(3+PE), S-coded, shielded, blue body, 600 V AC/DC, 16 A; PVC black cable, 1.50 mm<sup>2</sup>

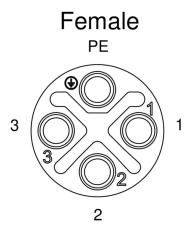
# **Product Description**

M12 Power Single-Ended Cordset: Female, straight, 4-pin(3+PE), S-coded, shielded, blue body, 600 V AC/DC, 16 A; PVC black cable, 1.50 mm²

## **Technical Drawing**







# **Technical Specifications**

## Face View

Pin 1	Pin 2	Pin 3	PE
black 1	black 2	black 3	green-yellow

## **Technical Data**

Product Family:	Power Connector
Product Sub Family:	M12 Power

Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Type of Contact / Gender:	female
Connector Design:	straight
Number of Pins:	4(3+PE)
Coding:	S
Shielding:	Shielded
Attachment Type:	Coupling Nut
Rated Voltage:	630 V
Rated Voltage (UL):	600 V
Rated Impulse Voltage:	6.0 kV
Operating Voltage:	600 V AC/DC
Rated Current*:	16 A
Rated Current (UL)*:	16 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 100
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:	black
Flammability Class (Contact Bearer):	UL 94 V-2
Molded Body Material:	TPE
Molded Body Color:	blue
Flammability Class (Molded Body):	UL 94 HB
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
Cable Data	
Cable Number:	915
Conductor Size:	1.50 mm <sup>2</sup>
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	> 4 x D
Minimal Bending Radius (Flexible Inst):	> 7.5 x D
Cycles (Bending):	> 1 M
Conductor material:	Cu
Cable Jacket Material:	PVC
Cable Jacket Color:	black
Cable Diameter D:	ø 9.4 ±0.20 mm
Wire Insulation Material:	PP
Insulated Wire Diameter:	ø 2.35 mm
Inner Jacket:	PVC
Overall Shield (Cable):	tinned copper braided screen
Ambient Temperature (Fixed Installation)	-30 °C to +80 °C

Ambient Temperature (Flex Installation):	-15 °C to +80 °C
Ambient Temperature (Drag Chain Inst):	0 °C to +60 °C
UL Cable Type:	AWM: 21179
Flammability Class (Cable Jacket):	VDE 0482-332-1-2, DIN EN 60332-1-2 / IEC 60332-1 / UL VW-1, CSA FT1

### **Approvals**

UL-File:	E497237
UL:	UL 2237; cULus

### Safety & Environmental Compliance

RoHS Compliant:	yes	
Notes		
Note Derating:	* Notice derating	

#### Note Derating:

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

#### Variants

Item #	Item Description	Cable Length
934849043	RKTS 4S-915/2 M	2 m
934849044	RKTS 4S-915/5 M	5 m
934849045	RKTS 4S-915/10 M	10 m
934849046	RKTS 4S-915/15 M	15 m

## © 2023 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.