

Product: [RSWT 4S-733](#)

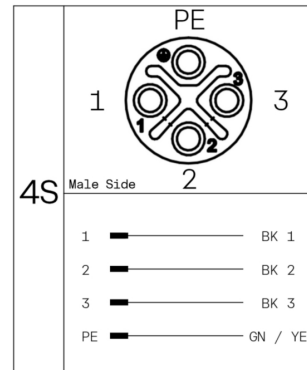
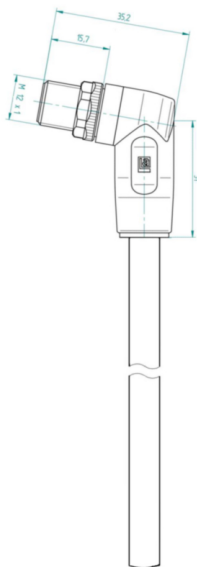


M12 Power | Cordset | Male Angled → Open End, 4-pin S-code, PVC (1.50 mm²) 16 AWG, 630 V / 16 A

Product Description

M12 Power | Single-Ended Cordset | M12 Male Angled, #Contacts 4, S-code → Open End | Cable: Black PVC; 1.50 mm² (16 AWG) | 630 V / 16 A

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
Side 1 Product Sub Family:	M12 Power
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Side 1 Type of Contact/Gender:	Pin Contact / Male

Connector Design:	Molded M12 Male Angled
Number of Pins:	4 (3+PE)
Coding, Side 1:	S
Shielding Type:	Unshielded
Attachment Type:	Coupling Screw
Voltage Rating:	630 V
Rated Voltage (UL):	600 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	600 V AC/DC
Current Rating:	16 A
Rated Current (UL)*:	16 A
Side 1 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
Side 1 Design Standard:	IEC 61076-2-111
Side 1 Pollution Degree:	3 acc. to IEC 60664-1
Clearance / Creepage Distance:	IEC 60664-1 (2020-05)
Overvoltage Category:	III acc. to IEC 60664-1

Materials

Contact Base Material:	Copper Alloy (CuNi)
Side 1 Contact Plating:	Gold over Copper (Cu/Au)
Contact Bearer Material:	Glass-filled Polybutylene Terephthalate (PBT GF)
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 V-2
Molded Body Material:	Thermoplastic Elastomer (TPE)
Molded Body Color:	Black
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	Copper Alloy (CuZn)
Attachment Plating:	Nickel (Ni)

Additional Technical Data

Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight
--------------------------------	---------------------------------

Cable Data

Cable Number:	733
Conductor Size:	1.50 mm ²
Conductor Resistance:	≤ 13.3 Ω/km
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	> 4 x D
Minimal Bending Radius (Flexible Inst):	> 7.5 x D
Cycles (Bending):	> 1 Mio, max. 50 m/s ²
Cycles (Torsion):	-
Conductor Material:	Cu
Cable Jacket Material:	Polyvinyl Chloride (PVC)
Cable Jacket Color:	Black
Cable Diameter D:	Ø 8.0 0.314"
Wire Insulation Material:	Polyvinyl Chloride (PVC)
Insulated Wire Diameter:	Ø 2.55 mm 0.100 "
Overall Shield (Cable):	Unshielded
Ambient Temperature (Fixed Installation):	- 40° C to + 90° C
Ambient Temperature (Flex Installation):	- 5° C to + 90° C

Ambient Temperature (Fixed Installation short-term 100h):	-40 °C ... 90 °C
UL Cable Type:	AWM: 2587
Flammability Class (Cable Jacket):	VDE 0482-332-1-2, DIN EN 60332-1-2 / IEC 60332-1 / UL VW-1, CSA FT1
Cable Characteristics:	Flexibility: Good Abrasion Resistance: Good Chemical Resistance: Excellent, acids, and alkalis Flame Retardance: VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 Halogen-Free: No Mechanical Durability: Good (resists impact, tear, and flex) Environmental Suitability: Indoor, excellent balance of performance, cost, and versatility

Approvals

UL-File:	E497237
UL:	UL 2237; cULus

Safety & Environmental Compliance

RoHS Compliant:	Yes
-----------------	-----

Resistances

Halogenfree:	-
--------------	---

Notes

Note Derating:	* Notice derating
Protection Degree / IP Rating Note:	IP Rating tested according to IEC standard using combination of a Hirschmann or Lumberg Automation connector mounted and locked
Product Characteristics:	To ensure ingress protection, please check the O-ring's position before connecting. Improperly positioned O-ring leads to ingress protection potential failure.

Variants

Item #	Item Description	Cable Length
934852005	RSWT 4S-733/2 M	2 m
934852006	RSWT 4S-733/5 M	5 m
934852007	RSWT 4S-733/10 M	10 m
934852008	RSWT 4S-733/15 M	15 m

© 2026 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.