



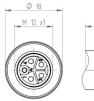
# Product: RSTS 5K-RKTS 5K-921 ☑

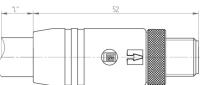
M12 Power Double-Ended Cordset: Male straight to female straight, 5-pin(4+PE), K-coded, shielded, blue body, 600 V AC/DC, 16 A; PUR black cable, 2.50 mm<sup>2</sup>

#### **Product Description**

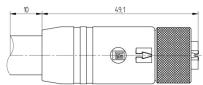
M12 Power Double-Ended Cordset: Male straight to female straight, 5-pin(4+PE), K-coded, shielded, blue body, 600 V AC/DC, 16 A; PUR black cable, 2.50 mm²

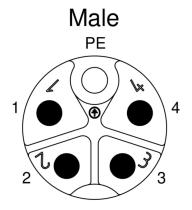
#### **Technical Drawing**

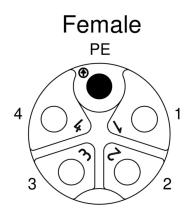












#### **Technical Specifications**

#### Face View Side 1

Pin 1	Pin 2	Pin 3	Pin 4	PE
black 1	black 2	black 3	black 4	green-yellow

#### Face View Side 2

Pin 1	Pin 2	Pin 3	Pin 4	PE
black 1	black 2	black 3	black 4	green-yellow

# **Product Description**

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Shielded
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

# **Technical Data Side 1**

Product Sub Family:	M12 Power
Type of Contact / Gender:	male
Connector Design:	straight
Attachment Type:	Coupling Nut
Number of Pins:	5(4+PE)
Coding:	K
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, IP69K
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)
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
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
Fastening Torque (Contact Screw):	M 12x1: (60-65) Ncm, hand-tight

# **Cable Data**

Cable Number:	921
Conductor Size:	2.5 mm <sup>2</sup>
Number of Wires:	5
Minimal Bending Radius (Fixed Inst):	>4 x D
Minimal Bending Radius (Flexible Inst):	>7.5 x D
Cycles (Bending):	> 10 M
Conductor material:	Cu
Cable Jacket Material:	PUR
Cable Jacket Color:	black
Cable Diameter D:	ø 12.3 ±0.20 mm
Wire Insulation Material:	PP
Insulated Wire Diameter:	ø 2.9 mm
Inner Jacket:	TPE-O

Overall Shield (Cable):	tinned copper braided screen
Ambient Temperature (Fixed Installation):	-40 °C to +80 °C
Ambient Temperature (Flex Installation):	-30 °C to +80 °C
Ambient Temperature (Fixed Installation short-term 100h):	-40 °C to +125 °C
Ambient Temperature (Drag Chain Inst):	-20 °C to +60 °C
UL Cable Type:	AWM: 20939
Flammability Class (Cable Jacket):	VDE 0482-332-1-2, DIN EN 60332-1-2 / IEC 60332-1 / UL VW-1, CSA FT1

# **Technical Data Side 2**

Product Sub Family, Side 2:         M12 Power           Type of Contact / Gender, Side 2:         female           Connector Design, Side 2:         Coupling Nut           Number of Pins, Side 2:         Coupling Nut           Number of Pins, Side 2:         K           Contact Resistance, Side 2:         K           Contact Resistance, Side 2:         \$ 10 mOhm           Insulation Resistance, Side 2:         \$ 100 Mm           Mating Cycles, Side 2:         \$ 100           Ambient Temperature (Operation), Side 2*:         \$ 40 °C to * 125 °C, notice derating           Protection Degree / IP Rating, Side 2**:         IP65 FIPS FIPS FIR           Posting Standard, Side 2:         IEC 61078-2-111           Pollution Degree, Side 2:         3 acc. to DIN EN 60664-1 (VDE 0110-1)           Clearance / Creepage Distance, Side 2:         JIN EN 60664-1 (2008/01); VDE 0110-1           Overvoltage Category, Side 2:         Ill acc. to DIN EN 60664-1 (VDE 0110-1)           Contact Plasting, Side 2:         Culvii           Contact Plasting, Side 2:         Culvii           Contact Plasting, Side 2:         Dive Side Side Side Side Side Side Side Sid		
Connector Design, Side 2: straight  Attachment Type, Side 2: Coupling Nut  Number of Pins, Side 2: S(4+PE)  Coding, Side 2: K  Contact Resistance, Side 2: ≤ 10 mOhm  Insulation Resistance, Side 2: ≤ 10 mOhm  Mating Cycles, Side 2: ≤ 100  Ambient Temperature (Operation), Side 2*: ≤ 100  Ambient Temperature (Operation), Side 2*:   105 mOhm  Protection Degree / IP Rating, Side 2*:   165, 1967, 1960kt  Design Standard, Side 2:   180, 1967, 1960kt  Design Standard, Side 2:   180, 1967, 1960kt  Design Standard, Side 2:   180, 1967, 1960kt  Contact Plating, Side 2:   180, 1967, 1	Product Sub Family, Side 2:	M12 Power
Attachment Type, Side 2: Coupling Nut  Number of Pins, Side 2: 5(4+PE)  Coding, Side 2: K  Contact Resistance, Side 2: S 10 mOhm  Insulation Resistance, Side 2: S 10 mOhm  Mating Cycles, Side 2: S 100  Ambient Temperature (Operation), Side 2*: 40 °C to +125 °C, notice derating  Protection Degree / IP Rating, Side 2**: IP65, IP67, IP69K  Design Standard, Side 2: IE6 61076-2-111  Pollution Degree, Side 2: J 2 a acc. to DIN EN 60664-1 (VDE 0110-1)  Clearance / Creepage Distance, Side 2: DIN EN 60664-1 (VDE 0110-1)  Covervoltage Category, Side 2: Illi acc. to DIN EN 60664-1 (VDE 0110-1)  Contact Base Material, Side 2: CulAu  Contact Baser Material, Side 2: Du Ley Model Contact Bearer), Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Olor, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Mater	Type of Contact / Gender, Side 2:	female
Number of Pins, Side 2: 5(4+PE)  Coding, Side 2: K  Contact Resistance, Side 2: \$ 10 mOhm  Insulation Resistance, Side 2: \$ 10 mOhm  Mating Cycles, Side 2: \$ 100  Ambient Temperature (Operation), Side 2*: \$ 100  Ambient Temperature (Operation), Side 2**: \$ 100  Protection Degree / IP Rating, Side 2**: IEC 61076-2-111  Pollution Degree, Side 2: 3 acc. to DIN EN 60664-1 (VDE 0110-1)  Clearance / Creepage Distance, Side 2: DIN EN 60664-1 (2008/01); VDE 0110-1  Overvoltage Category, Side 2: Ill acc. to DIN EN 60664-1 (VDE 0110-1)  Contact Base Material, Side 2: Cu/Ni  Contact Bearer Material, Side 2: DEG G  Contact Bearer Color, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: DIU EN 60664-1 (VDE 0110-1)  Contact Sear	Connector Design, Side 2:	straight
Coding, Side 2:         K           Contact Resistance, Side 2:         ≤ 10 mOhm           Insulation Resistance, Side 2:         ≥ 10°9 Ohm           Mating Cycles, Side 2:         ≤ 100           Ambient Temperature (Operation), Side 2*:         ≤ 100           Ambient Temperature (Operation), Side 2*:         1P65, IP67, IP69K           Design Standard, Side 2:         IEC 61076-2-111           Pollution Degree, Side 2:         3 acc. to DIN EN 60664-1 (VDE 0110-1)           Clearance / Creepage Distance, Side 2:         DIN EN 60664-1 (VDE 0110-1)           Correctlage Category, Side 2:         Ill acc. to DIN EN 60664-1 (VDE 0110-1)           Contact Base Material, Side 2:         CuNia           Contact Base Material, Side 2:         CuNia           Contact Bearer Material, Side 2:         DB EG           Contact Bearer Color, Side 2:         blue           Flammability Class (Contact Bearer), Side 2:         UL 94 V-2           Molded Body Material, Side 2:         blue           Flammability Class (Molded Body), Side 2:         blue           Flammability Class (Molded Body), Side 2:         CuZn           Attachment Plating, Side 2:         CuZn           Shielding Material, Side 2:         CuZn           O-Ring Material, Side 2:         FKM	Attachment Type, Side 2:	Coupling Nut
Contact Resistance, Side 2: ≤ 10 mOhm  Insulation Resistance, Side 2: > 10^9 Ohm  Mating Cycles, Side 2: ≤ 100  Ambient Temperature (Operation), Side 2**: 40 °C to +125 °C, notice derating  Protection Degree / IP Rating, Side 2**: IP65, IP67, IP69K  Design Standard, Side 2: IEC 61076-2-111  Pollution Degree, Side 2: 3 acc. to DIN EN 60664-1 (VDE 0110-1)  Clearance / Creepage Distance, Side 2: DIN EN 60664-1 (VDE 0110-1)  Clearance / Creepage Distance, Side 2: DIN EN 60664-1 (VDE 0110-1)  Cortact Base Material, Side 2: Cu/Au  Contact Base Material, Side 2: Cu/Au  Contact Bearer Material, Side 2: DIN EN 60664-1 (VDE 0110-1)  Contact Bearer Color, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: Diu EN 60664-1 (VDE 0110-1)  Contact Bearer Material, Side 2: CuZn  Attachment Plating, Side 2: CuZn, plating: Ni  O-Ring Material, Side 2: FKM	Number of Pins, Side 2:	5(4+PE)
Insulation Resistance, Side 2: > 10°9 Ohm  Mating Cycles, Side 2: \$ 100  Ambient Temperature (Operation), Side 2*: 40 °C to +125 °C, notice derating  Protection Degree / IP Rating, Side 2**: IP65, IP67, IP69K  Design Standard, Side 2: IEC 61076-2-111  Pollution Degrees, Side 2: 3 acc. to DIN EN 60664-1 (VDE 0110-1)  Clearance / Creepage Distance, Side 2: DIN EN 60664-1 (VDE 0110-1)  Clearance / Creepage Distance, Side 2: DIN EN 60664-1 (VDE 0110-1)  Cortact Base Material, Side 2: Cu/N  Contact Base Material, Side 2: Cu/Au  Contact Bearer Material, Side 2: PBT GF  Contact Bearer Material, Side 2: PBT GF  Contact Bearer Color, Side 2: blue  Flammability Class (Contact Bearer), Side 2: UL 94 V-2  Molded Body Material, Side 2: TPE  Molded Body Material, Side 2: Du UL 94 HB  Attachment Plating, Side 2: Cu/Ni  Shielding Material, Side 2: Cu/Ni  Shielding Material, Side 2: Cu/Ni  Shielding Material, Side 2: FKM	Coding, Side 2:	K
Mating Cycles, Side 2: ≤ 100  Ambient Temperature (Operation), Side 2*: -40 °C to +125 °C, notice derating  Protection Degree / IP Rating, Side 2**: IP65, IP67, IP69K  Design Standard, Side 2: IEC 61076-2-111  Pollution Degree, Side 2: 3 acc. to DIN EN 60664-1 (VDE 0110-1)  Clearance / Creepage Distance, Side 2: DIN EN 60664-1 (2008/01); VDE 0110-1  Overvoltage Category, Side 2: Ill acc. to DIN EN 60664-1 (VDE 0110-1)  Contact Base Material, Side 2: Cu/Ni  Contact Bearer Material, Side 2: Cu/Au  Contact Bearer Cotor, Side 2: blue  Flammability Class (Contact Bearer), Side 2: blue  Flammability Class (Contact Bearer), Side 2: TPE  Molded Body Material, Side 2: TPE  Molded Body Color, Side 2: blue  Flammability Class (Molded Body), Side 2: DL 94 HB  Attachment Material, Side 2: Cu/Ni  Shielding Material, Side 2: Cu/Ni  Shielding Material, Side 2: Cu/Ni  Shielding Material, Side 2: FKM	Contact Resistance, Side 2:	≤ 10 mOhm
Ambient Temperature (Operation), Side 2*: 40 °C to +125 °C, notice derating  Protection Degree / IP Rating, Side 2**: IP65, IP67, IP69K  Design Standard, Side 2: IEC 61076-2-111  Pollution Degree, Side 2: 3 acc. to DIN EN 60664-1 (VDE 0110-1)  Clearance / Creepage Distance, Side 2: DIN EN 60664-1 (2008/01); VDE 0110-1  Overvoltage Category, Side 2: Ill acc. to DIN EN 60664-1 (VDE 0110-1)  Contact Base Material, Side 2: Culi  Contact Plating, Side 2: Cul/Au  Contact Bearer Material, Side 2: PBT GF  Contact Bearer Material, Side 2: blue  Flammability Class (Contact Bearer), Side 2: UL 94 V-2  Molded Body Material, Side 2: TPE  Molded Body Color, Side 2: blue  Flammability Class (Molded Body), Side 2: UL 94 HB  Attachment Material, Side 2: CuZn  Attachment Material, Side 2: CuZn, plating: Ni  O-Ring Material, Side 2: FKM	Insulation Resistance, Side 2:	> 10^9 Ohm
Protection Degree / IP Rating, Side 2**: IP65, IP67, IP69K  Design Standard, Side 2: IEC 61076-2-111  Pollution Degree, Side 2: 3 acc. to DIN EN 60664-1 (VDE 0110-1)  Clearance / Creepage Distance, Side 2: DIN EN 60664-1 (2008/01); VDE 0110-1  Overvoltage Category, Side 2: Ill acc. to DIN EN 60664-1 (VDE 0110-1)  Contact Base Material, Side 2: Cu/Ni  Contact Base Material, Side 2: Cu/Au  Contact Bearer Material, Side 2: PBT GF  Contact Bearer Color, Side 2: blue  Flammability Class (Contact Bearer), Side 2: UL 94 V-2  Molded Body Material, Side 2: TPE  Molded Body Color, Side 2: blue  Flammability Class (Molded Body), Side 2: UL 94 HB  Attachment Material, Side 2: CuZn  Attachment Material, Side 2: CuZn  Shielding Material, Side 2: CuZn, plating: Ni  O-Ring Material, Side 2: FKM	Mating Cycles, Side 2:	≤ 100
Design Standard, Side 2:   EC 61076-2-111   Pollution Degree, Side 2:   3 acc. to DIN EN 60664-1 (VDE 0110-1)   Clearance / Creepage Distance, Side 2:   DIN EN 60664-1 (2008/01); VDE 0110-1   Overvoltage Category, Side 2:   Ill acc. to DIN EN 60664-1 (VDE 0110-1)   Contact Base Material, Side 2:   CuNi   Contact Plating, Side 2:   Cu/Au   Contact Bearer Material, Side 2:   PBT GF   Contact Bearer Color, Side 2:   blue   Flammability Class (Contact Bearer), Side 2:   UL 94 V-2   Molded Body Material, Side 2:   TPE   Molded Body Color, Side 2:   blue   Flammability Class (Molded Body), Side 2:   UL 94 HB   Attachment Material, Side 2:   CuZn   Attachment Material, Side 2:   CuZn   Shielding Material, Side 2:   CuZn, plating: Ni   O-Ring Material, Side 2:   FKM	Ambient Temperature (Operation), Side 2*:	-40 °C to +125 °C, notice derating
Pollution Degree, Side 2: 3 acc. to DIN EN 60664-1 (VDE 0110-1)  Clearance / Creepage Distance, Side 2: DIN EN 60664-1 (2008/01); VDE 0110-1  Overvoltage Category, Side 2: Ill acc. to DIN EN 60664-1 (VDE 0110-1)  Contact Base Material, Side 2: Cu/Ni  Contact Plating, Side 2: Cu/Au  Contact Bearer Material, Side 2: PBT GF  Contact Bearer Color, Side 2: blue  Flammability Class (Contact Bearer), Side 2: UL 94 V-2  Molded Body Material, Side 2: TPE  Molded Body Color, Side 2: blue  Flammability Class (Molded Body), Side 2: UL 94 HB  Attachment Material, Side 2: CuZn  Attachment Plating, Side 2: CuZn, plating: Ni  O-Ring Material, Side 2: FKM	Protection Degree / IP Rating, Side 2**:	IP65, IP67, IP69K
Clearance / Creepage Distance, Side 2: DIN EN 60664-1 (2008/01); VDE 0110-1  Overvoltage Category, Side 2: Ill acc. to DIN EN 60664-1 (VDE 0110-1)  Contact Base Material, Side 2: CuNi  Contact Plating, Side 2: Cu/Au  Contact Bearer Material, Side 2: PBT GF  Contact Bearer Color, Side 2: blue  Flammability Class (Contact Bearer), Side 2: UL 94 V-2  Molded Body Material, Side 2: TPE  Molded Body Color, Side 2: blue  Flammability Class (Molded Body), Side 2: blue  Flammability Class (Molded Body), Side 2: UL 94 HB  Attachment Material, Side 2: CuZn  Attachment Plating, Side 2: CuZn, plating: Ni  O-Ring Material, Side 2: FKM	Design Standard, Side 2:	IEC 61076-2-111
Overvoltage Category, Side 2: Ill acc. to DIN EN 60664-1 (VDE 0110-1)  Contact Base Material, Side 2: Cu/Au  Contact Plating, Side 2: Cu/Au  Contact Bearer Material, Side 2: PBT GF  Contact Bearer Color, Side 2: blue  Flammability Class (Contact Bearer), Side 2: UL 94 V-2  Molded Body Material, Side 2: TPE  Molded Body Color, Side 2: blue  Flammability Class (Molded Body), Side 2: UL 94 HB  Attachment Material, Side 2: CuZn  Attachment Plating, Side 2: Cu/Ni  Shielding Material, Side 2: CuZn, plating: Ni  O-Ring Material, Side 2: FKM	Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material, Side 2: Cu/Au  Contact Plating, Side 2: Cu/Au  Contact Bearer Material, Side 2: PBT GF  Contact Bearer Color, Side 2: blue  Flammability Class (Contact Bearer), Side 2: UL 94 V-2  Molded Body Material, Side 2: TPE  Molded Body Color, Side 2: blue  Flammability Class (Molded Body), Side 2: blue  Flammability Class (Molded Body), Side 2: UL 94 HB  Attachment Material, Side 2: CuZn  Attachment Material, Side 2: Cu/Ni  Shielding Material, Side 2: CuZn, plating: Ni  O-Ring Material, Side 2: FKM	Clearance / Creepage Distance, Side 2:	DIN EN 60664-1 (2008/01); VDE 0110-1
Contact Plating, Side 2:  Cu/Au  Contact Bearer Material, Side 2:  PBT GF  Contact Bearer Color, Side 2:  blue  Flammability Class (Contact Bearer), Side 2:  UL 94 V-2  Molded Body Material, Side 2:  Molded Body Color, Side 2:  blue  Flammability Class (Molded Body), Side 2:  UL 94 HB  Attachment Material, Side 2:  CuZn  Attachment Plating, Side 2:  CuZn, plating: Ni  O-Ring Material, Side 2:  FKM	Overvoltage Category, Side 2:	III acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Bearer Material, Side 2: PBT GF  Contact Bearer Color, Side 2: blue  Flammability Class (Contact Bearer), Side 2: UL 94 V-2  Molded Body Material, Side 2: TPE  Molded Body Color, Side 2: blue  Flammability Class (Molded Body), Side 2: UL 94 HB  Attachment Material, Side 2: CuZn  Attachment Plating, Side 2: Cu/Ni  Shielding Material, Side 2: CuZn, plating: Ni  O-Ring Material, Side 2: FKM	Contact Base Material, Side 2:	CuNi
Contact Bearer Color, Side 2: blue  Flammability Class (Contact Bearer), Side 2: UL 94 V-2  Molded Body Material, Side 2: TPE  Molded Body Color, Side 2: blue  Flammability Class (Molded Body), Side 2: UL 94 HB  Attachment Material, Side 2: CuZn  Attachment Plating, Side 2: Cu/Ni  Shielding Material, Side 2: CuZn, plating: Ni  O-Ring Material, Side 2: FKM	Contact Plating, Side 2:	Cu/Au
Flammability Class (Contact Bearer), Side 2:  Molded Body Material, Side 2:  TPE  Molded Body Color, Side 2:  blue  Flammability Class (Molded Body), Side 2:  UL 94 HB  Attachment Material, Side 2:  CuZn  Attachment Plating, Side 2:  Cu/Ni  Shielding Material, Side 2:  CuZn, plating: Ni  O-Ring Material, Side 2:  FKM	Contact Bearer Material, Side 2:	PBT GF
Molded Body Material, Side 2: TPE  Molded Body Color, Side 2: blue  Flammability Class (Molded Body), Side 2: UL 94 HB  Attachment Material, Side 2: CuZn  Attachment Plating, Side 2: Cu/Ni  Shielding Material, Side 2: CuZn, plating: Ni  O-Ring Material, Side 2: FKM	Contact Bearer Color, Side 2:	blue
Molded Body Color, Side 2: blue Flammability Class (Molded Body), Side 2: UL 94 HB Attachment Material, Side 2: CuZn Attachment Plating, Side 2: Cu/Ni Shielding Material, Side 2: CuZn, plating: Ni O-Ring Material, Side 2: FKM	Flammability Class (Contact Bearer), Side 2:	UL 94 V-2
Flammability Class (Molded Body), Side 2:  UL 94 HB  Attachment Material, Side 2:  CuZn  Attachment Plating, Side 2:  Cu/Ni  Shielding Material, Side 2:  CuZn, plating: Ni  O-Ring Material, Side 2:  FKM	Molded Body Material, Side 2:	TPE
Attachment Material, Side 2: CuZn  Attachment Plating, Side 2: Cu/Ni  Shielding Material, Side 2: CuZn, plating: Ni  O-Ring Material, Side 2: FKM	Molded Body Color, Side 2:	blue
Attachment Plating, Side 2: Cu/Ni Shielding Material, Side 2: CuZn, plating: Ni O-Ring Material, Side 2: FKM	Flammability Class (Molded Body), Side 2:	UL 94 HB
Shielding Material, Side 2: CuZn, plating: Ni  O-Ring Material, Side 2: FKM	Attachment Material, Side 2:	CuZn
O-Ring Material, Side 2: FKM	Attachment Plating, Side 2:	Cu/Ni
	Shielding Material, Side 2:	CuZn, plating: Ni
	O-Ring Material, Side 2:	FKM
Fastening Torque (Contact Screw), Side 2: M 12x1: (60-65) Ncm, hand-tight	Fastening Torque (Contact Screw), Side 2:	M 12x1: (60-65) Ncm, hand-tight

# **Approvals**

UL-File:	E497237
UL:	UL 2237; cULus

# Safety & Environmental Compliance

RoHS Compliant:	yes

#### Resistances

Halogenfree:	DIN VDE 0472 T. 815
Oil Resistance:	HD 22.10 Appendix A, DIN EN 60811-404

# Notes

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
Note Derating:	* Notice derating
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
934853155	RSTS 5K-RKTS 5K-921/0,6 M	0.6 m

16822	RSTS 5K-RKTS 5K-921/1 M	1 m
16249	RSTS 5K-RKTS 5K-921/2 M	2 m
934853158	RSTS 5K-RKTS 5K-921/12,5 M	12.5 m
16251	RSTS 5K-RKTS 5K-921/2,8 M	2.8 m
17146	RSTS 5K-RKTS 5K-921/3 M	3 m
934853156	RSTS 5K-RKTS 5K-921/3,5 M	3.5 m
17312	RSTS 5K-RKTS 5K-921/5 M	5 m
17148	RSTS 5K-RKTS 5K-921/6,5 M	6.5 m
934853157	RSTS 5K-RKTS 5K-921/7,5 M	7.5 m
19176	RSTS 5K-RKTS 5K-921/10 M	10 m
19178	RSTS 5K-RKTS 5K-921/15 M	15 m
19180	RSTS 5K-RKTS 5K-921/20 M	20 m

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