lumbergautomation
A BELDEN BRAND

Product: MPS-TU-RST 5L-2RKT 5L

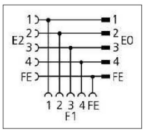


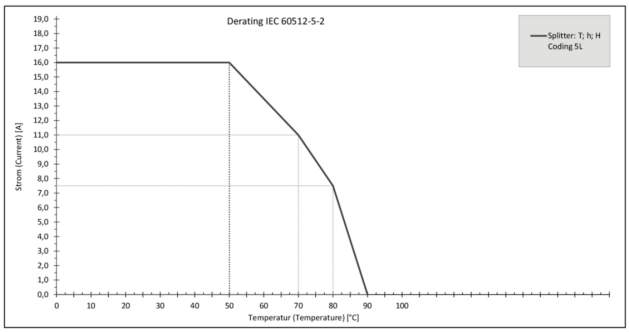
M12 Power | T-splitter | Male → 3 x Female, 4-pin L-coded, 63 V / 16 A

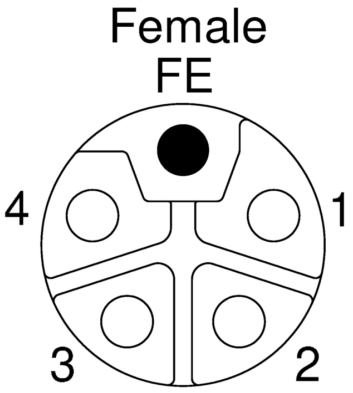
Product Description

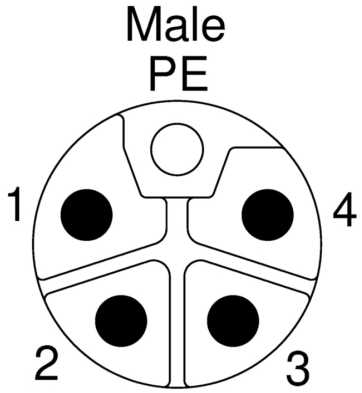
M12 Power | T-splitter | input: 1 x Male, output: 2 x Female, 4-pin L-coded, 63 V / 16 A

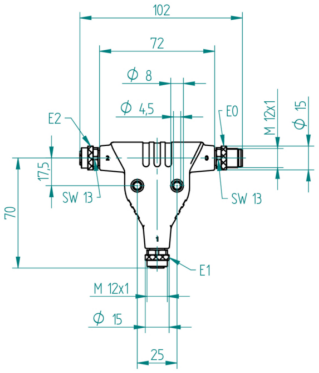
Technical Drawing











Technical Specifications

Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Molded Splitter
Shielding Type:	Unshielded
Voltage Rating:	63 V
Rated Voltage (UL):	63 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	60 V AC/DC
Current Rating:	16 A

Technical Data Side 1

Side 1 Product Sub Family:	M12 Power
Side 1 Type of Contact/Gender:	Pin Contact / Male
Connector Design:	Input | M12 Male | T shape
Attachment Type:	Coupling Screw
Number of Pins:	4+FE
Coding, Side 1:	L
Insulation Resistance:	> 10^8 Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	-30 °C to +90 °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
Contact Base Material:	Copper Alloy (CuZn)
Side 1 Contact Plating:	Gold over Copper (Cu/Au)
Contact Bearer Material:	Polyamide (PA)
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	Thermoplastic Polyurethane (TPU)
Molded Body Color:	Black
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	Copper Alloy (CuZn)
Attachment Plating:	Nickel (Ni)
O-Ring Material:	Fluoroelastomer (FPM/FKM)
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight
Note:	1. Do not connect or disconnect under load.

Technical Data Side 2

Side 2 Product Sub Family:	M12 Power
Side 2 Type of Contact/Gender:	Socket Contact / Female
Connector Design, Side 2:	Output | 2 x M12 Female
Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	4+FE
Coding, Side 2:	L
Mating Cycles, Side 2:	≤ 100
Protection Degree / IP Rating, Side 2**:	IP65, IP67
Clearance / Creepage Distance, Side 2:	IEC 60664-1 (2020-05)
Overvoltage Category, Side 2:	III acc. to IEC 60664-1
Contact Base Material, Side 2:	Copper Alloy (CuZn)
Contact Plating, Side 2:	Gold over Copper (Cu/Au)
Contact Bearer Material, Side 2:	Polyamide (PA)
Contact Bearer Color, Side 2:	Black
Flammability Class (Contact Bearer), Side 2:	UL 94 HB
Flammability Class (Molded Body), Side 2:	UL 94 HB
Attachment Material, Side 2:	Copper Alloy (CuZn)
Attachment Plating, Side 2:	Nickel (Ni)
Fastening Torque (Attachment), Side 2:	M 12x1: (50-60) Ncm, hand-tight

Technical Data Side 3

Attachment Material, Side 3:	Copper Alloy (CuZn)
Coding, Side 3:	L
Contact Base Material, Side 3:	Copper Alloy (CuZn)
Contact Bearer Color, Side 3:	Black
Contact Bearer Material, Side 3:	Polyamide (PA)
Contact Plating, Side 3:	Gold over Copper (Cu/Au)
Number of Pins, Side 3:	4+FE
Protection Degree / IP Rating (IEC 60529), Side 3:	IP65, IP67, IP68
Rated Current*, Side 3:	16 A
Rated Voltage, Side 3:	63 V
Type of Contact / Gender, Side 3:	Socket Contact / Female

Technical Data Side 4

Product Sub Family, Side 4:	M12 Power
Protection Degree / IP Rating (IEC 60529), Side 4:	IP65, IP67, IP68
Rated Current*, Side 4:	16 A

Approvals

UL-File:	E497237
UL:	UL 2237; cULus

Safety & Environmental Compliance

RoHS Compliant:	Yes

Notes

Protection Degree / IP Rating Note:	IP Rating tested according to IEC standard using combination of a Hirschmann or Lumberg Automation connector mounted and locked
Note Derating:	* Notice derating

Variants

Item #	Item Description
33728	MPS-TU-RST5L-2RKT 5L

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