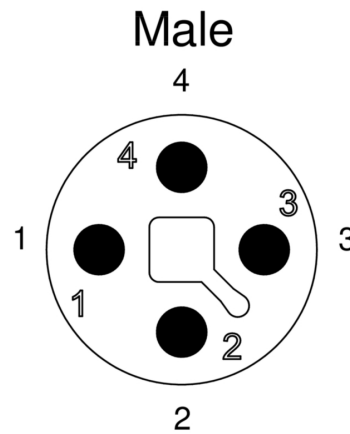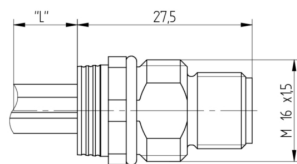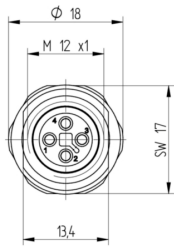**Product:** [RSH6U 4T-033](#) ⧉

M12 Power Receptacle Connector: Male, rear mount, 4-pin, T-coded, silver housing, 50 V AC / 60 V DC, 16 A

Product Description

M12 Power Receptacle Connector: Male, rear mount, 4-pin, T-coded, silver housing, 50 V AC / 60 V DC, 16 A

Technical Drawing

Technical Specifications

Face View

Pin 1	Pin 2	Pin 3	Pin 4
brown	white	blue	black

Technical Data

Product Family:	Power Connector
Product Sub Family:	M12 Power
Brand:	Lumberg Automation
Connector Type:	Receptacle
Type of Contact / Gender:	male
Connector Design:	Rear mount
Number of Pins:	4
Coding:	T
Shielding:	Unshielded
Attachment Type:	Coupling Screw
Rated Voltage:	63 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	50 V AC / 60 V DC
Rated Current*:	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:	dark-grey
Flammability Class (Contact Bearer):	UL 94 V-2
Housing Material:	CuZn
Housing Plating:	Ni
Housing Color:	silver
Attachment Material:	CuZn
Attachment Plating:	Cu/Ni
O-Ring Material:	FKM

Safety & Environmental Compliance

RoHS Compliant:	yes

Notes

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

Variants

Item #	Item Description	Cable Length
934980204	RSH6U 4T-033/0,2 M	0.2 m
934980208	RSH6U 4T-033/0,5 M	0.5 m