



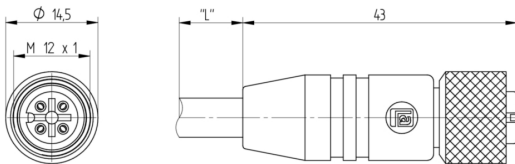
Part Number: RKT 4-602

M12 Standard Sensor/Actuator Single-Ended Cordset: Female, straight, 4-pin, A-coded, yellow body, 230 V AC/DC, 4 A; PUR yellow cable, 0.824 mm²

Product Description

M12 Standard Sensor/Actuator Single-Ended Cordset: Female, straight, 4-pin, A-coded, yellow body, 230 V AC/DC, 4 A; PUR yellow cable, 0.824 mm²

Technical Drawing



Technical Specifications

Face View

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

Technical Data

Product Family:	Sensor / Actuator Connectors
Product Sub Family:	M12 Standard
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Type of Contact / Gender:	Female
Connector Design:	Straight
Number of Pins:	4
Coding:	A
Shielding:	Unshielded
Attachment Type:	Coupling Nut
Rated Voltage:	250 V
Rated Impulse Voltage:	2.5 kV
Operating Voltage:	230 V AC/DC
Rated Current:	4 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation):	- 40 °C - + 90 °C

Protection Degree / IP Rating:	IP65, IP67, IP68 (1 m / 24 h), IP69K
Design Standard:	IEC 61076-2-101
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	II acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuZn
Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	TPU
Molded Body Color:	Yellow
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	CuZn
Attachment Plating:	Nickel-plated
O-Ring Material:	FKM, green

Additional Technical Data

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

Cable Number:	798
Conductor Size:	0.824 mm ²
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Cu
Cable Jacket Material:	PUR
Cable Jacket Color:	yellow matt similarly RAL 1021
Cable Diameter D:	ø 5.85 ± 0.20 mm
Wire Insulation Material:	PVC class 43
Insulated Wire Diameter:	ø 1.80 ± 0.05 mm
Ambient Temperature (Fixed Installation):	- 45 °C - + 80 °C
Ambient Temperature (Flex Installation):	- 20 °C - + 80 °C
Flammability Class (Cable Jacket):	DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2, UL-VW1, CSA FT1
Cable Characteristics:	Free of lacquer wetting disturbing substances; Good microbes and hydrolysis resistance; Good chemical and oil resistance; Exclusion of silicone; Coldness flexibility

Safety & Environmental Compliance

RoHS Compliant:	yes
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Resistances

Oil Resistance:	Good chemical and oil resistance
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Notes

Protection Degree / IP Rating Note:	only if mounted and locked in combination with Hirschmann / Lumberg Automation connector
Note Derating:	Notice derating
Note:	Do not connect or disconnect under load.

Variants

Item #	Item Description	Cable Length
103683	RKT 4-602/1 M	1 m
52386	RKT 4-602/2 M	2 m
103684	RKT 4-602/3 M	3 m
104342	RKT 4-602/3,6 M	3.6 m
104372	RKT 4-602/4 M	4 m
44836	RKT 4-602/5 M	5 m
934637610	RKT 4-602/6 M	6 m
39500	RKT 4-602/10 M	10 m

74892	RKT 4-602/15 M	15 m
104498	RKT 4-602/20 M	20 m
5237	RKT 4-602/30 M	30 m

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