M12-Round-Plug Connector, Single-Ended Cordsets, According to IEC 61076-2-101 for Robotic Applications
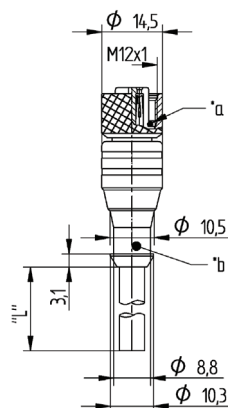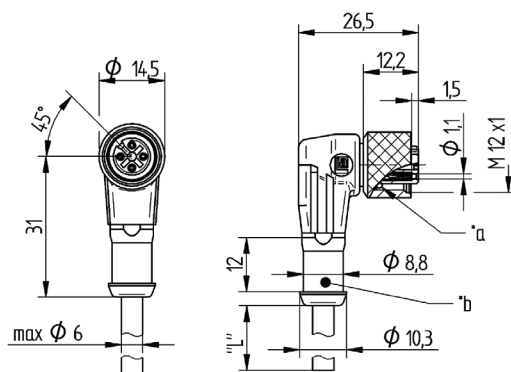
RKT | RKWT

4-Poles

Actuator/sensor cordset, single-ended, M12, 4-poles, female straight connector with threaded joint and molded cable, connecting to knurled screw.
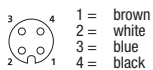
— especially designed for use in Robotic applications —

RKT

Actuator/sensor cordset, single-ended, M12, 4-poles, female 90° connector with threaded joint and molded cable, connecting to knurled screw.

— especially designed for use in Robotic applications —

RKWT

Pin Assignments

M12 - Male

4 poles

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

Be Certain with Belden

M12-Round-Plug Connector, Single-Ended Cordsets, According to IEC 61076-2-101 for Robotic Applications RKT | RKWT

Technical Data

Environmental

Degree of protection (IEC 60529)*	IP67, IP68 (15m / 48h & 100m / 2h)
Operating temperature range	-40°C to +85°C

Mechanical

Housing / Molded body	TPU - translucent
Insert (contact bearer)	TPU, orange
Contact	CuSn
Contact surface	Cu/Au
Knurled nut	CuZn, nickel-plated
O-ring	FKM

Electrical

Rated voltage	250V AC/DC
Rated current*	4 A

Additional technical data

Fastening torque (coupling nut)	M 12x1: (40-60) Ncm, hand-tight

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
500	PUR	22 AWG stranded	black	5.10 mm nominal

Part Number		Pins	Outer Jacket	Standard Cable Lengths	Characteristics
Male Straight	**Male 90°**				
RKT 4-500/...M	RKWT 4-500/...M	4	PUR	2 M / 5 M / 10 M / 15M / 20M	

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