Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

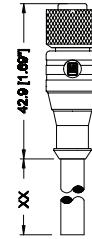## M12-Round-Plug Connector, Single-Ended Cordsets

RKT | RKWT

3-, 4-, 5-, and 8-Poles

Actuator/sensor cordset, single-ended, M12, 3-, 4-, 5-, and 8-poles, Female straight connector with self-locking thread and molded cable.

RKT

42.9 [1.69"]
XX
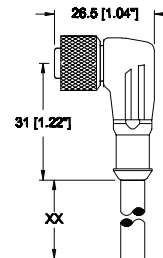
Actuator/sensor cordset, single-ended, M12, 3-, 4-, 5-, and 8-poles, female 90° connector with self-locking thread and molded cable.

RKWT

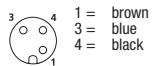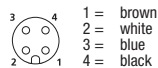26.5 [1.04"]
31 [1.22"]
XX

Pin Assignments

M12 - Female

3 poles	4 poles	5 poles	8 poles
1 = brown 3 = blue 4 = black	1 = brown 2 = white 3 = blue 4 = black	1 = brown 2 = white 3 = blue 4 = black 5 = gray	1 = white 2 = brown 3 = green 4 = yellow 5 = grey 6 = pink 7 = blue 8 = red
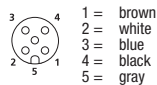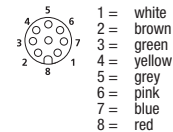
Be Certain with Belden

M12-Round-Plug Connector, Single-Ended Cordsets

Technical Data

Environmental

Degree of protection	IP68 / Nema 6P
Operating temperature range	-40°C (-40°F) / +90°C (+194°F)

Mechanical

Housing / Molded body	PUR, translucent gray
Insert	PUR, orange
Contact	CuZn, gold-plated
Coupling nut	CuZn, nickel-plated
O-ring	FKM

Electrical

Current rating	3-5 poles 4A
	8 poles 1.5A
Voltage rating	3-4 poles 250V
	5-8 poles 30V

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
659	PVC	22 AWG	Gray	.190" (4.82 mm)
646	PVC	22 AWG	Gray	.190" (4.82 mm)
647	PVC	22 AWG	Gray	.212" (5.38 mm)
661	PVC	24 AWG	Gray	.232" (5.89 mm)

Part Number	Pins	Standard Cable Lengths	Characteristics
RKT 4-3-659/…M	3	1M / 2M / 4M / 5M / 6M / 15M / 10M / 20M	
RKT 4-646/…M	4	1M / 2M / 4M / 5M / 6M / 10M / 15M / 20M	
RKT 5-647/…M	5	1M / 2M / 4M / 5M / 6M / 10M / 15M / 20M	
RKT 8-661/…M	8	1M / 2M / 4M / 5M / 6M / 10M / 15M / 20M	
RKWT 4-3-659/…M	3	1M / 2M / 4M / 5M / 6M / 10M / 15M / 20M	
RKWT 4-646/…M	4	1M / 2M / 4M / 5M / 6M / 10M / 15M / 20M	
RKWT 5-647/…M	5	1M / 2M / 4M / 5M / 6M / 10M / 15M / 20M	
RKWT 8-661/…M	8	1M / 2M / 4M / 5M / 6M / 10M / 15M / 20M	