

M12-Round-Plug Connector, Single-Ended Cordsets

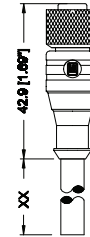
RKT | RKWT



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

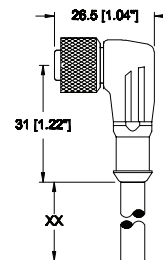
Actuator/sensor cordset, single-ended, M12, 3-, 4-, 5-, and 8-poles, Female straight connector with self-locking thread and molded cable.

RKT



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

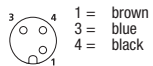
RKWT



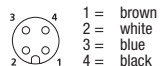
Pin Assignments

M12 - Female

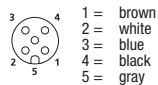
3 poles



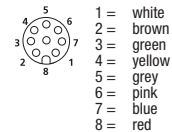
4 poles



5 poles



8 poles



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	

Mouser Electronics

Authorized Distributor

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