

TUFF-LINK™ E-CON CONNECTORS

PROOF THAT A LOWER COST DOESN'T HAVE TO MEAN SACRIFICING QUALITY OR PERFORMANCE.

Remke's Tuff-Link E-CON CONNECTORS provide the performance required in today's manufacturing environment yet offer a lower installation cost than other M12 connectors on the market.

The E-CON family includes both single-ended and double-ended M12 and M8 connectors, cable assemblies and receptacles. This group of products allow for cost-effective, fast and easy replacement of sensors, switches and control components. They offer nickel-plated brass couplers, IP 67 and NEMA 6P protection, are factory molded-to-the-cable for durability, and mechanically keyed to eliminate mismatching. The E-CON product line features male and female plugs, straight or 90 configurations, 1/4" NPT receptacles and PVC-jacketed type cable.

Features of the M12 E-CON CONNECTORS include gold plated contacts, vibration resistance and T-barb design. M8 connectors feature a compact design along with gold plated contacts. Both the M12 and M8 connectors are made with corrosion-resistant materials, and attachable connectors are available for both sizes.

E-CON CONNECTORS are suitable for use in a wide range of applications including sensors on conveyors, automated machinery, material handling equipment, packaging machinery and robotics. And the lower price-point of these connectors makes them ideal for use by price-sensitive OEM's, or in standard industrial applications that don't need a custom solution.

M12 E-CON CONNECTORS

Specifications

Materials:

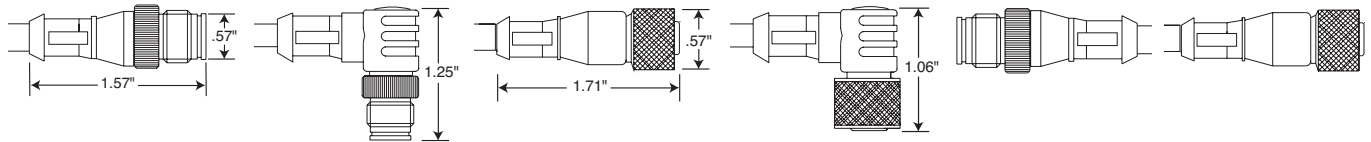
Body: Polyurethane
 O-Ring: Viton
 Contact Carrier: Polyurethane
 Contact: Brass, Gold Plated over Nickel
 Coupling Nut: Nickel Plated Brass
 Cable: #22 AWG PVC UL Style 2517, 105°C
 UL Recognized, CSA Certified
 Cable Diameters: #22 AWG PVC, 4/C -.19", Nominal

Electrical:

Voltage Rating: 250 VDC
 Current Rating: #22 AWG-4A
 Contact Resistance: $\leq 5m\Omega$

Environmental:

Protection: IP67, NEMA 6P
 Operating Temp: -25°C to 90°C
 PVC: -25°C to 90°C



CABLE/ METERS	4 POLE SINGLE ENDED				4 POLE DOUBLE ENDED
	MALE STRAIGHT	MALE 90 DEGREE	FEMALE STRAIGHT	FEMALE 90 DEGREE	MALE TO STRAIGHT (ST/ST)
2M	904E0066J	904F0066J	904A0066J	904C0066J	—
3M	904E0098J	904F0098J	904A0098J	904C0098J	—
5M	904E0164J	904F0164J	904A0164J	904C0164J	904K0164J
10M	904E0328J	904F0328J	904A0328J	904C0328J	904K0328J

1/4" NPT RECEPTACLES WITH 12" LEAD ALSO AVAILABLE.

MALE RECEPTACLE: 904R0010P
 FEMALE RECEPTACLE: 904S0010P

ADDITIONAL CABLE LENGTHS AVAILABLE UPON REQUEST. CONSULT FACTORY.

M12 ATTACHABLE CONNECTORS

Specifications

Materials:

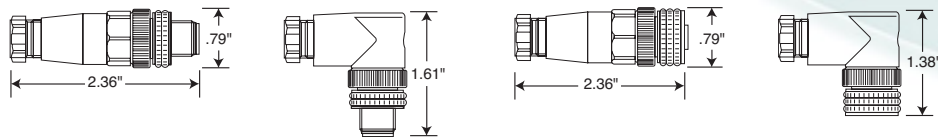
Body: Nylon
 Contact Carrier: Nylon
 Contact: Copper Alloy, Gold Plated
 Coupling Nut: Brass with Nickel Plating
 Cable Outlets: PG7 - 4 to 6mm, PG9 - 6 to 8mm

Electrical:

Voltage Rating: 4 Pole 125VAC/150VDC
 5 Pole 30VAC/36VDC
 Current Rating: 4 amps
 Max. Wire Gauge: 18 Gauge

Environmental:

Protection: IP67
 Operating Temp: -25°C to 90°C



CABLE ENTRY	NUMBER OF POLES	MALE		FEMALE	
		STRAIGHT	90 DEGREE	STRAIGHT	90 DEGREE
PG7	4	304EFW7	304FFW7	304AFW7	304CFW7
PG7	5	305EFW7	305FFW7	305AFW7	305CFW7
PG9	4	304EFW9	304FFW9	304AFW9	304CFW9
PG9	5	305EFW9	305FFW9	305AFW9	305CFW9

Note: PG7 Cable Range .16" (4mm) to .24" (6mm)

Note: PG9 Cable Range .24" (4mm) to .31" (8mm)

M8 E-CON CONNECTORS

Specifications

Materials:

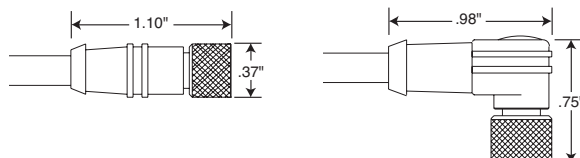
Connector: Polyurethane
 Contacts: Brass, Gold Plated
 Coupling Nut: Brass, Nickel Plated
 Cable: #22 AWG PVC UL Style 2517, 105°C
 UL Recognized, CSA Certified
 Cable Diameter: 3/C - 4.5mm PVC nominal
 4/C - 5.0mm PVC nominal

Electrical:

Voltage Rating: 10 to 30 VDC
 Contact Resistance: $\leq 5m\Omega$
 Current Rating: 3A Max.

Environmental:

Protection: IP67, NEMA 6P
 Operating Temp: -25°C to 90°C



CABLE/ METERS	3 POLE SINGLE ENDED		4 POLE SINGLE ENDED	
	FEMALE STRAIGHT	FEMALE 90 DEGREE	FEMALE STRAIGHT	FEMALE 90 DEGREE
2M	PC03A006611E	PC03C006611E	PC04A006611E	PC04C006611E
3M	PC03A009811E	PC03C009811E	PC04A009811E	PC04C009811E
5M	PC03A016411E	PC03C016411E	PC04A016411E	PC04C016411E
10M	PC03A032811E	PC03C032811E	PC04A032811E	PC04C032811E

M8 X .05 THREADED RECEPTACLES WITH 0.5M LEAD ALSO AVAILABLE.

ADDITIONAL CABLE LENGTHS AVAILABLE UPON REQUEST. CONSULT FACTORY.

3 POLE MALE PC03AT001611 FEMALE PC03AU001611
 4 POLE MALE PC04AT001611 FEMALE PC04AU001611

M8 ATTACHABLE CONNECTORS

Specifications

Materials:

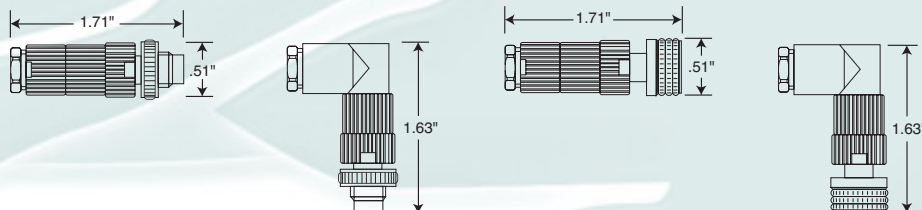
Body: Nylon
 Contact Carrier: Nylon
 Contact: Copper Alloy, Gold Plated
 Coupling Nut: Brass with Nickel Plating
 Cable Outlets: 4 to 5mm

Electrical:

Voltage Rating: 3 and 4 Pole 60VAC/DC
 Current Rating: 4 amps

Environmental:

Protection: IP67
 Operating Temp: -25°C to 70°C



CABLE ENTRY	NUMBER OF POLES	MALE		FEMALE	
		STRAIGHT	90 DEGREE	STRAIGHT	90 DEGREE
PG7	3	M803EFW7	M803FFW7	M803AFW7	M803CFW7
PG7	4	M804EFW7	M804FFW7	M804AFW7	M804CFW7

WHATEVER YOU NEED...WE PROVIDE.



Whether your company, or order size, is large or small Remke Industries will do whatever it takes to meet your needs and respond with solutions that are right for you.

Look no further than Remke for an extensive line of wire management products. Our Tuff-Seal™ family includes strain relief cord connectors, wire mesh grips, liquid tight connectors and watertight conduit hubs. And we offer more sizes and variations of cord grips than anybody else in the industry.

Our family of Tuff-Link™ molded connectors and cordsets includes pico, micro and mini connectors, cable assemblies and receptacles. We also offer attachable and DIN connectors, splitters distribution boxes, and bus system connectors.

Industrial environments vary greatly. Remke meets this challenge by offering customized products or adaptations for any of our connector products – even for the smallest of quantities.

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