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Connection Cables - Power

M12 L-coded Cables

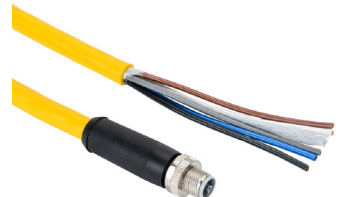
Features

- Resistant to welding sparks
- Flame retardant, chemical resistant
- 600V cable insulation rating
- TPE (thermoplastic elastomer) jacket for typical industrial applications
- PVC (polyvinyl chloride) jacketed cable for general use and chemical washdown applications, ex. food & beverage industry

M12 L-coded Cables									
Part Number	Price	Number of Wires	Connector	Wire Size	Amperage Rating	Cable Jacket/ Wire Insulation Material	Jacket Color	Length m [ft]	Drawing Link
7700-P4241-U0P0200	\$67.00	5	Axial male to axial female	14AWG	16A	Thermoplastic Elastomer (TPE) / Polyvinyl Chloride (PVC)	Yellow	2.0 [6.5]	PDF
7700-P4241-U0P0300	\$79.00							3.0 [9.8]	PDF
7700-P4241-U0P0500	\$102.00							5.0 [16.4]	PDF
7700-P4241-U0P0750	\$131.00							7.5 [24.6]	PDF
7700-P4241-U0P1000	\$160.00							10 [32.8]	PDF
7700-P4241-U0P1500	\$218.00							15 [49.2]	PDF
7700-P4241-U0D0200	\$61.00			16AWG	12A			2.0 [6.5]	PDF
7700-P4241-U0D0300	\$70.00							3.0 [9.8]	PDF
7700-P4241-U0D0500	\$87.00							5.0 [16.4]	PDF
7700-P4241-U0D0750	\$107.00							7.5 [24.6]	PDF
7700-P4241-U0D1000	\$128.00							10 [32.8]	PDF
7700-P4241-U0D1500	\$169.00							15 [49.2]	PDF
7700-P4201-U0P0200	\$42.50		Axial male to pigtail	14AWG	16A			2.0 [6.5]	PDF
7700-P4201-U0P0300	\$54.00							3.0 [9.8]	PDF
7700-P4201-U0P0500	\$76.00							5.0 [16.4]	PDF
7700-P4201-U0P0750	\$103.00							7.5 [24.6]	PDF
7700-P4201-U0P1000	\$130.00							10 [32.8]	PDF
7700-P4201-U0P1500	\$184.00							15 [49.2]	PDF
7700-P4201-U0D0200	\$36.50			16AWG	12A			2.0 [6.5]	PDF
7700-P4201-U0D0300	\$43.50							3.0 [9.8]	PDF
7700-P4201-U0D0500	\$59.00							5.0 [16.4]	PDF
7700-P4201-U0D0750	\$78.00							7.5 [24.6]	PDF
7700-P4201-U0D1000	\$97.00							10 [32.8]	PDF
7700-P4201-U0D1500	\$133.00							15 [49.2]	PDF
7700-P4221-U0P0200	\$42.50	Axial female to pigtail	14AWG	16A	2.0 [6.5]	PDF			
7700-P4221-U0P0300	\$52.00				3.0 [9.8]	PDF			
7700-P4221-U0P0500	\$72.00				5.0 [16.4]	PDF			
7700-P4221-U0P0750	\$98.00				7.5 [24.6]	PDF			
7700-P4221-U0P1000	\$122.00				10 [32.8]	PDF			
7700-P4221-U0P1500	\$174.00				15 [49.2]	PDF			
7700-P4221-U0D0200	\$38.00		16AWG	12A	2.0 [6.5]	PDF			
7700-P4221-U0D0300	\$45.50				3.0 [9.8]	PDF			
7700-P4221-U0D0500	\$60.00				5.0 [16.4]	PDF			
7700-P4221-U0D0750	\$78.00				7.5 [24.6]	PDF			
7700-P4221-U0D1000	\$97.00				10 [32.8]	PDF			
7700-P4221-U0D1500	\$133.00				15 [49.2]	PDF			



7700-P4241 series



7700-P4201 series



7700-P4221 series



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Connection Cables - Power

M12 L-coded Cables Specifications

M12 L-coded Cables Specifications		
Model	7000-xxxxx-U0Pxxxx	7000-xxxxx-U0Dxxxx
Type	5-Wire, 5-Pole	
Max Voltage	63VDC	
Max Current Per Contact	16A	12A
Protection Degree	IP65 / IP67	
Nut Material	Male threads are nickel plated brass; Female threads are nickel plated die cast zinc	
Cable Jacket/Wire Insulation Material	TPE/PVC	
Contacts Material	Copper Alloy	
Tightening Torque	≤ 0.6 N·m [≤ 0.44 ft·lb]	
Conductors Cross Section	2.11 mm ² [14AWG]	1.31 mm ² [16AWG]
Ø Outer Cable	10.5 mm [0.415 in]	9.8 mm [0.385 in]
Temperature Range - Stationary Use	-50 to 105°C [-58 to 221°F]	
Temperature Range - Flexible Use	-20 to 90°C [-4 to 194°F]	
Min Bend Radius	Stationary use: 5 x cable diameter; Flexible use: 10 x cable diameter	
Approvals*	cULus, CE	

*To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

Connection Cables - Power

M12 L-coded Adapter Cable and T-Coupler

- Use to convert a 7/8-16 connection to M12 L-coded connection



7000-P4541-P040200

M12 L-coded to 7/8" Adapter Cable							
Part Number	Price	Number of Wires	Connectors	Jacket		Length m [ft]	Drawing Link
				Material	Color		
7000-P4541-P040200	\$73.00	5	M12 axial female to 7/8" axial male	PUR/PP	Black	2 [6.5]	PDF

Adapter Cable M12 L-coded to 7/8" Specifications	
Type	5-Wire, 5-Pole
Max Voltage	63 VAC/VDC
Max Current	12A
Connection	Connector 1: M12 L-coded axial female Connector 2: 7/8" axial male
Tightening Torque	M12: 0.6 N·m [0.44 ft·lb]; 7/8": 1.5 N·m [1.1 ft·lb]
Conductors Cross Section	1.5mm ² [16AWG]
Locking Material	Male threads are nickel plated brass; Female threads are nickel plated die cast zinc
Protection Degree	IP67
Ø Outer Cable	8.2 mm [0.32 in]
Min Bend Radius	Stationary use: 5 x cable diameter; Flexible use: 10 x cable diameter
Temperature Range - Stationary Use	-50 to 80°C [-58 to 176°F]
Temperature Range - Flexible Use	-25 to 80°C [-13 to 176°F]
Contact Material	Copper Alloy
Agency Approvals *	NA

*To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

M12 L-coded T-Coupler

M12 L-coded T-Coupler					
Part Number	Price	Number of Poles	Connectors	Wiring	Drawing Link
7000-P4901-0000000	\$111.00	5	Axial male to (2) axial female	1-1-1 2-2-2 3-3-3 4-4-4 FE-FE-FE	PDF



7000-P4901-0000000

M12 L-coded T-Coupler Specifications	
Type	5-Wire, 5-Pole
Max Voltage	63VDC
Max Current	16A
Connection	M12 L-coded
Tightening Torque	≤ 0.6 N·m [≤ 0.44 ft·lb]
Locking Material	Male threads are nickel plated brass; Female threads are nickel plated die cast zinc
Protection Degree	IP65 / IP67 / IP68
Temperature Range	-30 to 90°C [-22 to 194°F]
Material	Housing (TPU), Contact Carrier (PA), Contact (Brass, gold plated)
Approvals*	cULus, CE

*To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.



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Field Wireable Connectors - Power

M12 L-coded Field Wireable Connectors



7000-P4591-0000000



7000-P4611-0000000

M12 L-coded Field Wireable Connectors					
Part Number	Price	Number of Wires	Connectors	Accepts Cable Diameter Size	Drawing Link
7000-P4591-0000000	\$29.00	5	Axial male	8-13 mm [0.31 - 0.51 in]	PDF
7000-P4611-0000000	\$29.00		Axial female		PDF

M12 L-coded Field Wireable Connector Specifications	
Type	5-Wire, 5-Pole
Max Voltage	63V
Max Current	16A
Connection	M12 L-coded
Tightening Torque	≤ 0.6 N·m [≤ 0.44 ft-lb]
Conductors Cross Section	2.5 mm ² [14AWG]
Locking Material	Male threads are nickel plated brass; Female threads are nickel plated die cast zinc
Protection Degree	IP67
Temperature Range	-40 to 85°C [-40 to 185°F]
Wire Connection	Screw terminal; M2.5x0.45 mm ² , torque to 40 N·m [29.5 ft-lb]
Wire Connection Cross Section	1.5 mm ² [16AWG] (with ferrule end); 2.5 mm ² [14AWG] (without ferrule end)
Approvals*	cURus

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