

M8 Cables with Quick-Disconnect Plugs

Overview and Selection

- Industry-standard axial and right-angle M8 screw-lock connectors with open leads
- Cables listed can be used with patch cables
- 1.5m (4.9 ft), 2m (6.5 ft), 5m (16.4 ft), 7m (23 ft), and 10m (32.8 ft) cable lengths
- PVC (polyvinyl chloride) jacket for typical industrial applications
- PUR/PVC (polyvinyl/polyurethane) jacket for oily and drag chain applications.
- PUR (polyurethane) jacket for oily, direct sunlight, and robotic applications



CD08-0A-020-C1
CD08-0A-020-A1



7000-08001-0200200
7000-08021-0200200



7000-08001-2100200
7000-08021-2100200



7000-08041-0200200
7000-08081-0200200



7000-08041-2100500
7000-08081-2100500

M8 Quick-Disconnect Cables (Pico, Nano)										
Part Number	Price	Poles	Connector	Jacket		Dimensions				
				Material	Color	A	B	C	L	
						mm			m [ft]	
CD08-0A-020-A1		3	Axial female	PVC	Gray	32	10	-	2	
CD08-0A-020-C1			Right-angle female			25	10	20	[6.5]	
CD08-0A-050-A1			Axial female			Black	32	10	-	5
CD08-0A-050-C1			Right-angle female				25	10	20	[16.4]
CD08-0C-050-A1			Axial female	PUR/PVC	Black	32	10	-	5	
CD08-0C-050-C1			Right-angle female			25	10	20	[16.4]	
CD08-0A-070-A1			Axial female	PVC	Gray	32	10	-	7	
CD08-0A-070-C1			Right-angle female			25	10	20	[23]	
7000-08001-0200200			Axial male	PUR/PVC	Yellow	39	10	-	2	
7000-08021-0200200			Right-angle male			25	10	26	[6.5]	
7000-08001-0200500			Axial male			39	10	-	5	
7000-08021-0200500			Right-angle male			25	10	26	[16.4]	
7000-08001-0201000			Axial male	PUR/PVC	Yellow	39	10	-	10	
7000-08021-0201000			Right-angle male			25	10	26	[32.8]	
7000-08001-2100200			Axial male	PVC	Gray	39	10	-	2	
7000-08021-2100200			Right-angle male			25	10	26	[6.5]	
7000-08001-2100500			Axial male			39	10	-	5	
7000-08021-2100500			Right-angle male			25	10	26	[16.4]	
7000-08001-2101000			Axial male	PVC	Gray	39	10	-	10	
7000-08021-2101000			Right-angle male			25	10	26	[32.8]	
7000-08041-0200200			Axial female	PUR/PVC	Yellow	32	10	-	2	
7000-08081-0200200			Right-angle female			25	10	20	[6.5]	
7000-08041-0200500			Axial female			32	10	-	5	
7000-08081-0200500			Right-angle female			25	10	20	[16.4]	
7000-08041-0200700		Axial female	PUR/PVC	Yellow	32	10	-	7		
7000-08081-0200700		Right-angle female			25	10	20	[22.9]		
7000-08041-2100500		Axial female	PVC	Gray	32	10	-	5		
7000-08081-2100500		Right-angle female			25	10	20	[16.4]		

M8 Cables with Quick-Disconnect Plugs

Overview and Selection (Cont'd)

M8 Quick-Disconnect Cables (Pico, Nano)													
Part Number	Price	Poles	Connector	Jacket		Dimensions							
				Material	Color	A	B	C	L				
						mm			m [ft]				
7000-08061-0210200		4	Axial female	PUR/PVC	Yellow	32	10	–	2				
7000-08101-0210200			Right-angle female			25	10	20	[6.5]				
7000-08061-0210500			Axial female			32	10	–	5				
7000-08101-0210500			Right-angle female			25	10	20	[16.4]				
7000-08061-0211000			Axial female			32	10	–	10				
7000-08101-0211000			Right-angle female			25	10	20	[32.8]				
CD08-0G-020-A1			4	Axial female	PVC	Black	32	10	–	2			
CD08-0W-020-C1				Right-angle female			25	10	20	[6.5]			
CD08-0G-050-A1				Axial female			32	10	–	5			
CD08-0W-050-C1				Right-angle female			25	10	20	[16.4]			
CD08-0G-100-A1				Axial female			32	10	–	10			
CD08-0W-100-C1				Right-angle female			25	10	20	[32.8]			
7000-08061-2110200				4			Axial female	PVC	Gray	32	10	–	2
7000-08101-2110200							Right-angle female			25	10	20	[6.5]
7000-08061-2110500			Axial female		32	10	–			5			
7000-08101-2110500			Right-angle female		25	10	20			[16.4]			
7000-08061-2111000		Axial female	32		10	–	10						
7000-08101-2111000		Right-angle female	25		10	20	[32.8]						
7000-08941-6950150		5	Axial female		PUR	Black	34			10	–	1.5	
7000-08951-6950150			Right-angle female				28			10	21	[4.9]	
7000-08941-6950500			Axial female	34			10	–	5				
7000-08951-6950500			Right-angle female	28			10	21	[16.4]				
7000-08941-6951000			Axial female	34			10	–	10				
7000-08951-6951000			Right-angle female	28			10	21	[32.8]				



7000-08061-0210200
7000-08101-0210200



7000-08061-2110200
7000-08101-2110200



7000-08941-6950150
7000-08951-6950150

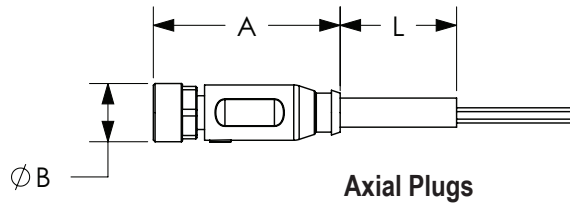
Specifications

Specifications					
Model	CD08 Series		7000 Series		
Type	3-Pole	4-Pole	3-Pole	4-Pole	5-Pole
Nominal Voltage	30V AC/DC		50VAC/60VDC		30V AC/DC
Max Current	4A				3A
Protection Degree	IP65 / IP66K / IP67				IP67
Nut Material	Nickel plated brass				Nickel Plated Zinc
Housing Material	PVC or PUR/PVC		PUR or PVC or PUR/PVC		
Contacts Material	Gold plated Copper-Tin Alloy (CuSn)				
Tightening Torque	≤ 0.4 N·m [≤ 0.3 ft-lb]				
Conductors Cross Section	0.25 mm ² [24AWG]				
Ø Outer Cable	4.5 mm [0.18 in]	4.8 mm [0.19 in]	4.5 mm [0.18 in]	4.8 mm [0.19 in]	4.7 mm [0.19 in]
Temperature Range	-25 to +80°C [-13 to +176°F]				-30 to +80°C [-22 to +176°F]
Environmental	N/A		Halogen, silicone, cfc, cadmium, and lead free		
Bending Radius Drag Chain (Roller Cable Tray)	min. 10 x cable diameter				
Agency Approvals	UL, CSA (with exception of PUR/PVC models)				

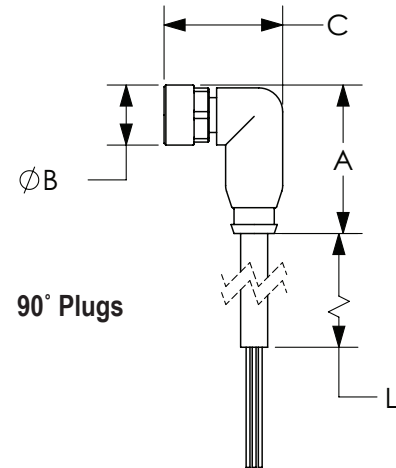
To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

M8 Cables with Quick-Disconnect Plugs

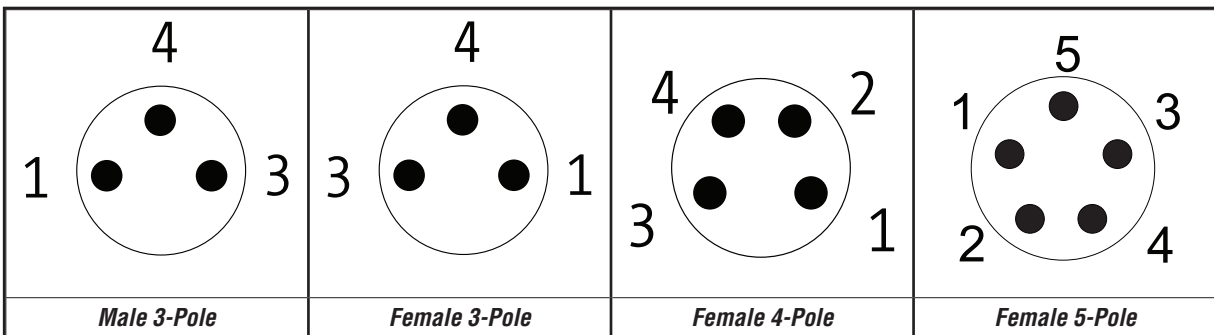
Dimensions



See our website: for complete engineering drawings.



Contact Diagrams



Wiring Diagrams

