

M8 Cables w/Quick-disconnect Plugs

Overview and Selection

- Industry standard axial and right-angle M8 screw-lock connectors with open leads. The cables listed can be used with patch cables
- 2m, 5m, 7m, and 10m 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 and -A1 shown

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	\$8.25	3	Axial female	PVC	Gray	32	10	—	2
CD08-0A-020-C1	\$8.25		Right-angle female			25	10	20	[6.5]
CD08-0A-050-A1	\$10.50		Axial female	Black	32	10	—	5	
CD08-0A-050-C1	\$10.50		Right-angle female		25	10	20	[16.4]	
CD08-0C-050-A1	\$11.00	3	Axial female	PUR/PVC	Black	32	10	—	5
CD08-0C-050-C1	\$11.00		Right-angle female			25	10	20	[16.4]
CD08-0A-070-A1	\$13.00	3	Axial female	PVC	Gray	32	10	—	7
CD08-0A-070-C1	\$13.00		Right-angle female			25	10	20	[23]
7000-08001-0200200	\$7.25	3	Axial male	PUR/PVC	Yellow	39	10	—	2
7000-08021-0200200	\$7.25		Right-angle male			25	10	26	[6.5]
7000-08001-0200500	\$7.75		Axial male			39	10	—	5
7000-08021-0200500	\$7.75		Right-angle male			25	10	26	[16.4]
7000-08001-0201000	\$13.50		Axial male			39	10	—	10
7000-08021-0201000	\$13.50		Right-angle male			25	10	26	[32.8]
7000-08001-2100200	\$5.75	3	Axial male	PVC	Gray	39	10	—	2
7000-08021-2100200	\$5.75		Right-angle male			25	10	26	[6.5]
7000-08001-2100500	\$6.25		Axial male			39	10	—	5
7000-08021-2100500	\$6.25		Right-angle male			25	10	26	[16.4]
7000-08001-2101000	\$10.50		Axial male			39	10	—	10
7000-08021-2101000	\$10.50		Right-angle male			25	10	26	[32.8]
7000-08041-0200200	\$6.75	3	Axial female	PUR/PVC	Yellow	32	10	—	2
7000-08081-0200200	\$6.75		Right-angle female			25	10	20	[6.5]
7000-08041-0200500	\$7.75		Axial female			32	10	—	5
7000-08081-0200500	\$7.75		Right-angle female			25	10	20	[16.4]
7000-08041-0200700	\$10.50		Axial female			32	10	—	7
7000-08081-0200700	\$10.50		Right-angle female			25	10	20	[22.9]
7000-08041-2100500	\$6.25	3	Axial female	PVC	Gray	32	10	—	5
7000-08081-2100500	\$6.25		Right-angle female			25	10	20	[16.4]
7000-08061-0210200	\$6.75	4	Axial female	PUR/PVC	Yellow	32	10	—	2
7000-08101-0210200	\$7.25		Right-angle female			25	10	20	[6.5]
7000-08061-0210500	\$9.25		Axial female			32	10	—	5
7000-08101-0210500	\$9.75		Right-angle female			25	10	20	[16.4]
7000-08061-0211000	\$14.00		Axial female			32	10	—	10
7000-08101-0211000	\$14.50		Right-angle female			25	10	20	[32.8]
CD08-0G-020-A1	\$8.75	4	Axial female	PVC	Black	32	10	—	2
CD08-0W-020-C1	\$8.75		Right-angle female			25	10	20	[6.5]
CD08-0G-050-A1	\$10.50		Axial female			32	10	—	5
CD08-0W-050-C1	\$10.50		Right-angle female			25	10	20	[16.4]
CD08-0G-100-A1	\$13.00	4	Axial female	PVC	Black	32	10	—	10
CD08-0W-100-C1	\$13.00		Right-angle female			25	10	20	[32.8]
7000-08061-2110200	\$6.25	4	Axial female	PVC	Gray	32	10	—	2
7000-08101-2110200	\$6.25		Right-angle female			25	10	20	[6.5]
7000-08061-2110500	\$7.75		Axial female			32	10	—	5
7000-08101-2110500	\$7.75		Right-angle female			25	10	20	[16.4]
7000-08061-2111000	\$11.00		Axial female			32	10	—	10
7000-08101-2111000	\$11.00		Right-angle female			25	10	20	[32.8]



7000-08001-0200200
7000-08021-0200200



7000-08001-2100200
7000-08021-2100200



7000-08041-0200200
7000-08081-0200200



7000-08041-2100500
7000-08081-2100500



7000-08061-0210200
7000-08101-0210200



7000-08061-2110200
7000-08101-2110200

Note: Dimensional drawings and wiring diagrams on next page.

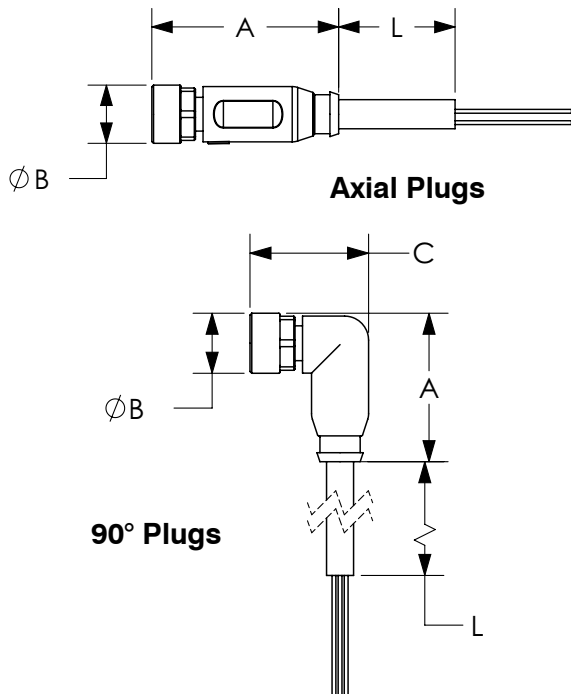
M8 Cables w/Quick-disconnect Plugs

Specifications

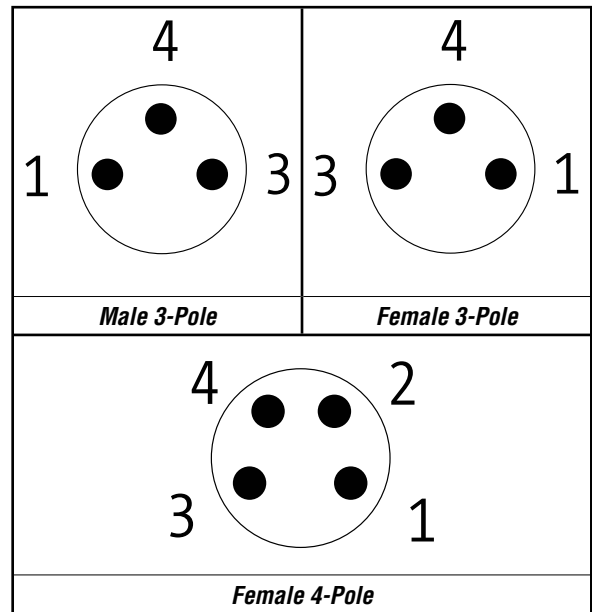
Specifications				
Model	CD08 Series		7000 Series	
Type	3 Pole	4 Pole	3 Pole	4 Pole
Nominal Voltage	30V AC/DC		50VAC / 60VDC	
Max Current	4A			
Protection Degree	IP65 / IP66K / IP67			
Material Nut	Nickel plated brass			
Housing Material	PVC or PUR/PVC		PUR or PVC or PUR/PVC	
Contacts Material	Gold plated Copper-Tin Alloy (CuSn)			
Tightening Torque	≤ 0.4 N·m			
Conductors Cross Section	0.25 mm ² [24 AWG]			
Ø Outer Cable	4.5 mm	4.8 mm	4.5 mm	4.8 mm
Temperature Range	-25° to +80°C [-13° 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.

Dimensions



Contact Diagrams



See our website: www.AutomationDirect.com for complete engineering drawings.

Wiring Diagrams

