

# Sensor Cables and Connectors

## Shielded M12 Cables with Quick-disconnect Plugs

- Industry standard axial and right-angle M12 screw-lock connectors with open leads
- Braided shield located inside the cord jacket and connected to the coupling nut
- 5m and 10m cable lengths
- PUR/PVC (polyvinyl/polyurethane) jacket for oily and drag chain applications
- PUR (polyurethane) jacket for oily and robotic applications



**7000-13201-3310500**  
**7000-13261-3310500**



**7000-13221-3490500**  
**7000-13281-3490500**



**7000-17121-2910500**  
**7000-17141-2910500**



**7000-17121-2940500**  
**7000-17141-2940500**

Shielded M12 Quick-Disconnect Cables (Euro, Micro DC-Single Key)								
Part Number	Price	Poles	Connector	Jacket	Dimensions			
					A	B	C	L
					mm			m [ft]
<b>7000-13201-3310500</b>	\$19.00	4	Axial female	PUR/PVC	43.5	15	–	5
<b>7000-13261-3310500</b>	\$19.00		Right-angle female		39	15	32	[16.4]
<b>7000-13201-3311000</b>	\$29.00	4	Axial female	PUR/PVC	43.5	15	–	10
<b>7000-13261-3311000</b>	\$29.00		Right-angle female		39	15	32	[32.8]
<b>7000-13221-3490500</b>	\$22.00	5	Axial female	PUR/PVC	43.5	15	–	5
<b>7000-13281-3490500</b>	\$22.00		Right-angle female		39	15	32	[16.4]
<b>7000-13221-3491000</b>	\$34.00	5	Axial female	PUR/PVC	43.5	15	–	10
<b>7000-13281-3491000</b>	\$34.00		Right-angle female		39	15	32	[32.8]
<b>7000-17121-2910500</b>	\$36.00	8	Axial female	PUR	44.5	15	–	5
<b>7000-17141-2910500</b>	\$36.00		Right-angle female		39	15	32	[16.4]
<b>7000-17121-2911000</b>	\$52.00	8	Axial female	PUR	44.5	15	–	10
<b>7000-17141-2911000</b>	\$53.50		Right-angle female		39	15	32	[32.8]
<b>7000-17121-2940500</b>	\$36.00	8	Axial female	PUR (UL/CSA)	44.5	15	–	5
<b>7000-17141-2940500</b>	\$36.00		Right-angle female		39	15	32	[16.4]
<b>7000-17121-2941000</b>	\$55.00	8	Axial female	PUR (UL/CSA)	44.5	15	–	10
<b>7000-17141-2941000</b>	\$55.00		Right-angle female		39	15	32	[32.8]

Note: Dimensional drawings and wiring diagrams on next page.

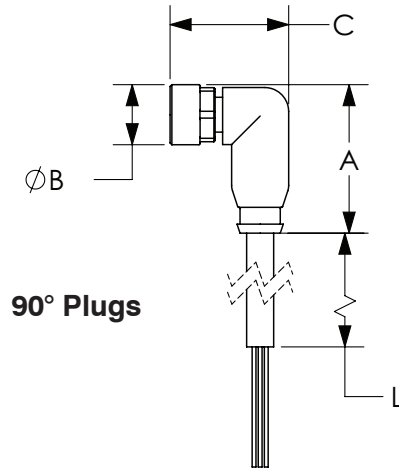
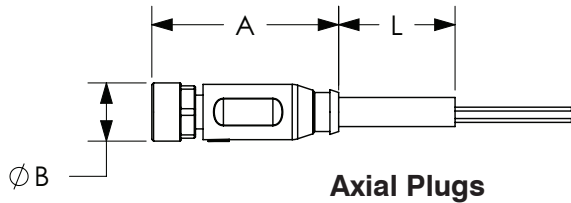
Specifications						
Model	13201	13261	13221	13281	17121	17141
Operating voltage	60V AC/DC				30V AC/DC	
Operating current per contact	max. 4A				max. 2A	
Rated surge voltage	1.5 kV				0.8 kV	
Coding	A-coded					
Connection	M12 4-pole		M12 5-pole		M12 8-pole	
Recommended torque	0.6 N·m					
Protection	IP65/IP67	IP67	IP65/IP66K/IP67 inserted and tightened			IP65/IP67
Locking material	Zinc die-casting, matte nickel-plated					
Jacket material	PUR/PVC				PUR	
Temperature range	-25° to +85°C [-13° to 185°F]				-25° to +80°C [-13° to 176°F]	
Wire Ø	4 x 0.34 mm <sup>2</sup>		5 x 0.34 mm <sup>2</sup>		8 x 0.25 mm <sup>2</sup>	
Outer Ø	~ 5.9 mm				~ 7mm	
Bend radius	10 x outer Ø					
Agency Approvals	–				CSA, cULus	

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

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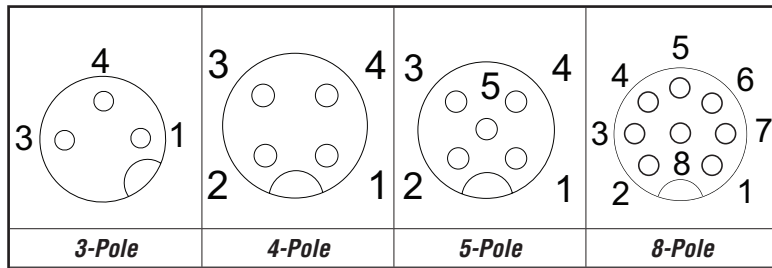
## Shielded M12 Cables

### Dimensions



See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.

### Contact Diagrams



### Wiring Diagrams

