

# Connection Cables - Sensor and Signal

## Shielded M12 A-coded Cable to Pigtail

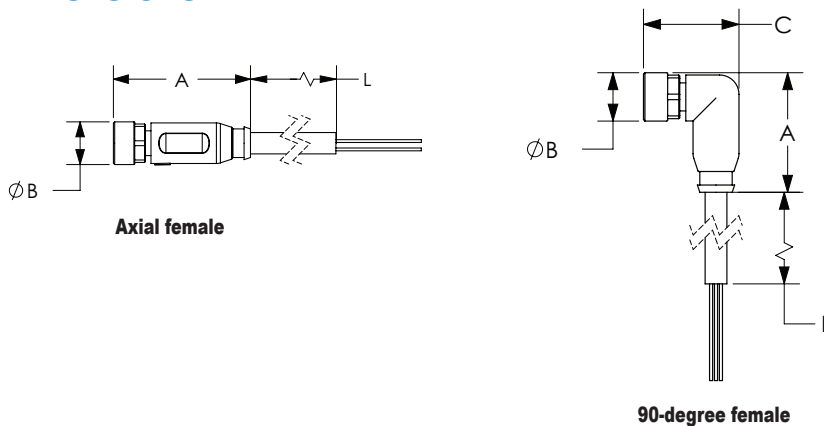
### Features

- Industry standard axial and 90-degree M12 screw-lock connectors with open leads
- Braided shield located inside the cord jacket and connected to the coupling nut
- 5m [16.4 ft] and 10m [32.8 ft] cable lengths
- PVC (polyvinyl chloride) jacketed cable for general use and chemical wash-down applications, ex. food & beverage industry
- PUR (polyurethane) jacketed cable for applications with exposure to oil and dynamic applications requiring more flexibility



Shielded M12 A-coded Cable to Pigtail									
Part Number	Price	Number of Wires	Connector	Cable Jacket/Wire Insulation Material	Jacket Color	Dimensions			
						A	B	C	L
						mm			m [ft]
<a href="#">7000-13201-3310500</a>	\$28.50	4	Axial female	PUR-PVC/ PVC	Gray	43.5	15	—	5
<a href="#">7000-13261-3310500</a>	\$28.50		90-degree female			39	15	32	[16.4]
<a href="#">7000-13201-3311000</a>	\$44.00		Axial female			43.5	15	—	10
<a href="#">7000-13261-3311000</a>	\$44.00		90-degree female			39	15	32	[32.8]
<a href="#">7000-13221-3490500</a>	\$32.50	5	Axial female			43.5	15	—	5
<a href="#">7000-13281-3490500</a>	\$32.50		90-degree female			39	15	32	[16.4]
<a href="#">7000-13221-3491000</a>	\$51.00		Axial female			43.5	15	—	10
<a href="#">7000-13281-3491000</a>	\$51.00		90-degree female			39	15	32	[32.8]
<a href="#">7000-17121-2910500</a>	\$50.00	8	Axial female	PUR/PP		44.5	15	—	5
<a href="#">7000-17141-2910500</a>	\$50.00		90-degree female			39	15	32	[16.4]
<a href="#">7000-17121-2911000</a>	\$71.00		Axial female			44.5	15	—	10
<a href="#">7000-17141-2911000</a>	\$73.00		90-degree female			39	15	32	[32.8]
<a href="#">7000-17121-2940500</a>	\$50.00		Axial female			44.5	15	—	5
<a href="#">7000-17141-2940500</a>	\$50.00		90-degree female			39	15	32	[16.4]
<a href="#">7000-17121-2941000</a>	\$76.00		Axial female			44.5	15	—	10
<a href="#">7000-17141-2941000</a>	\$76.00		90-degree female			39	15	32	[32.8]

### Dimensions



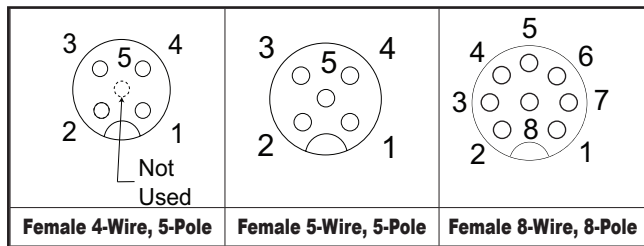
See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com)  
for complete engineering drawings.

# Connection Cables - Sensor and Signal

Shielded M12 A-coded Cable to Pigtail Specifications						
Model	13201	13261	13221	13281	17121	17141
Type	4-Wire, 5-Pole		5-Wire, 5-Pole		8-Wire, 8-Pole	
Max Voltage	60 VAC/VDC				30 VAC/VDC	
Max Voltage - UL Rating	30 VAC/VDC					
Max Current Per Contact	4A				2A	
Protection Degree	IP65 / IP66K / IP67					
Nut Material	Female threads are nickel plated die cast zinc					
Cable Jacket/Wire Insulation Material	PUR-PVC/PVC				PUR/PP	
Contacts Material	Copper Alloy					
Tightening Torque	0.6 N·m [0.44 ft·lb]					
Conductors Cross Section	0.34 mm² [22AWG]				0.25 mm² [24AWG]	
Ø Outer Cable	PUR-PVC/PVC 5.9 mm [0.23 in]				PUR/PP 7mm [0.28 in]	
Temperature Range - Stationary Use	-25 to 85°C [-13 to 185°F]		-40 to 80°C [-40 to 80°F]			
Temperature Range - Flexible Use	-5 to 70°C [23 to 158°F]				-25 to 80°C [-13 to 176°F]	
Min Bend Radius	Stationary use: 5 x cable diameter; Flexible use: 10 x cable diameter					
Approvals*	CE, UKCA, cCSAus				cULus, UKCA, cCSAus	

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

## Contact Diagrams



## Wiring Diagrams

