



Field Wireable Connectors

Sensor/Signal and Data



M12 Screw Connectors Features

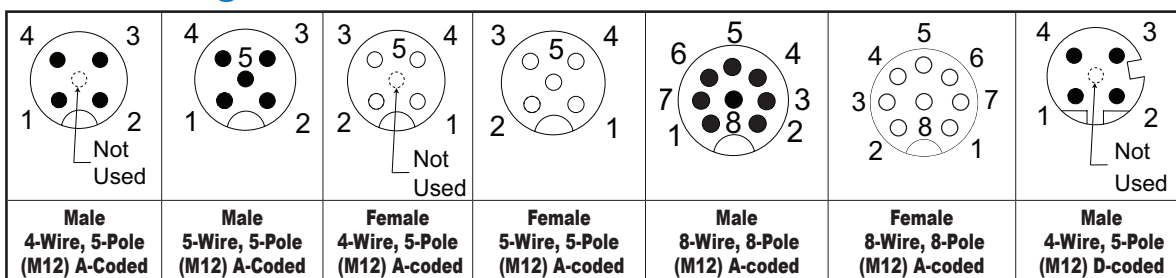
- IP67 rated once properly assembled
- Various cable gauges and diameters accepted
- Plastic housings with good resistance against chemicals and oils

Field Wireable M12 Screw Connectors								
Part Number	Price	Number of Wires	Connection Type	Conductor Wire	Housing Material	Outside Cable Ø		
7000-12701-0000000	\$9.75	4	Axial male, A-coded	18AWG [0.75 mm ²] max	Polyamide (PA)	4 to 6 mm [0.157 to 0.236 in]		
7000-12721-0000000	\$12.00	5						
7000-12901-0000000	\$9.75	4	Axial female, A-coded					
7000-12921-0000000	\$12.00	5						
7000-12741-0000000	\$9.75	4	Axial male, A-coded			6 to 8 mm [0.236 to 0.315 in]		
7000-12761-0000000	\$12.00	5						
7000-12941-0000000	\$9.75	4	Axial female, A-coded					
7000-12961-0000000	\$12.00	5						
7000-12821-0000000	\$9.75	4	Right-angle male, A-coded			20AWG [0.5 mm ²] max	PUR	4 to 6 mm [0.157 to 0.236 in]
7000-12981-0000000	\$9.75		Right-angle female, A-coded					
7000-13041-0000000	\$12.00	5						
7000-17301-0000000	\$27.00	8	Axial male, A-coded	20AWG [0.5 mm ²] max	PUR	6 to 8 mm [0.236 to 0.315 in]		
7000-17311-0000000	\$27.00		Right-angle male, A-coded					
7000-17321-0000000	\$27.00		Axial female, A-coded					
7000-17331-0000000	\$27.00		Right-angle female, A-coded					
Shielded								
7000-14581-0000000	\$29.50	4	Right-angle male, D-coded	18AWG [0.75 mm ²] max	CuZn Nickel Plated	6 to 8 mm [0.236 to 0.315 in]		
7000-13321-0000000	\$25.00	5	Axial male, A-coded					
7000-13361-0000000	\$32.50		Right-angle male, A-coded					
7000-17341-0000000	\$32.50	8	Axial male, A-coded	20AWG [0.5 mm ²] max				

M12 Field Wireable Screw Connectors Specifications					
Type	4-Wire, 5-Pole	5-Wire, 5-Pole	4-Wire, 5-Pole	5-Wire, 5-Pole	8-Wire, 8-Pole
Outer Cable Ø	4 to 6 mm [0.157 to 0.236 in]		6 to 8 mm [0.236 to 0.315 in]		
Max Voltage	250 VAC/VDC	60 VAC/VDC	250 VAC/VDC	60 VAC/VDC	30 VAC/VDC
Max Current Per Contact	4A				2A
Protection Degree	IP67				
Temperature Range	-25 to 85°C [13 to 185°F]				
Wire Diameter	max 18AWG [0.75 mm ²]				max 20AWG [0.5mm ²]
Weight	0.05 oz [1.42 g]		0.06 oz [1.7 g]		
Approvals*	cURus				

*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

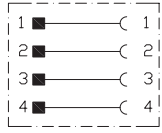
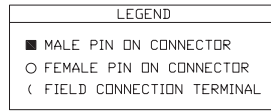


Field Wireable Connectors

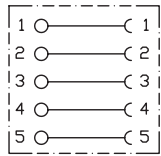
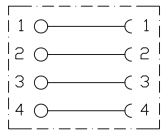
Sensor/Signal and Data

Wiring Diagrams

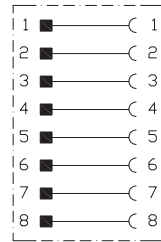
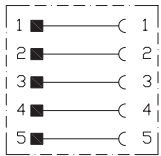
Screw Connection Technique



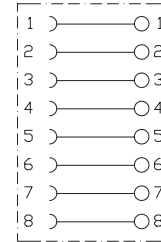
4-Wire, 5-Pole



5-Wire, 5-Pole



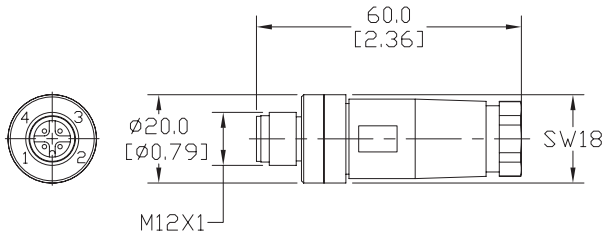
8-Wire, 8-Pole



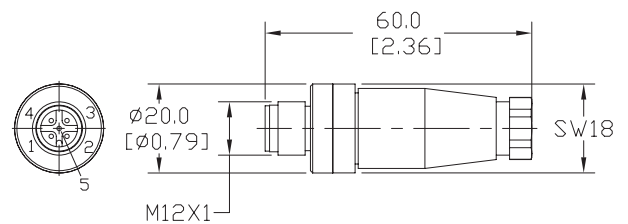
Dimensions

mm [inches]

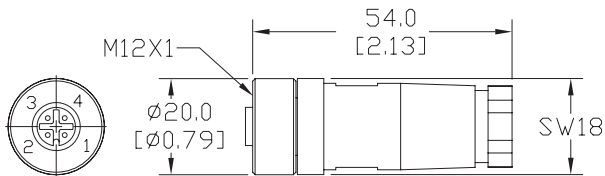
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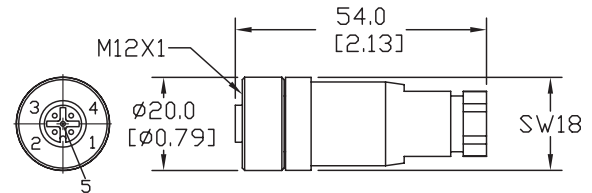
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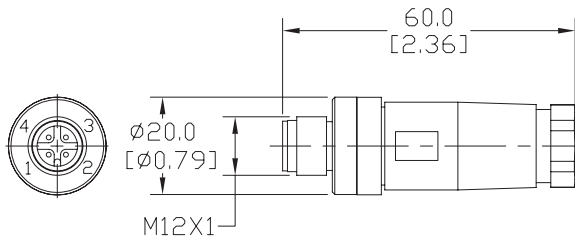
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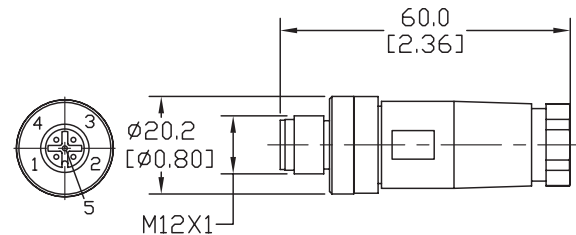
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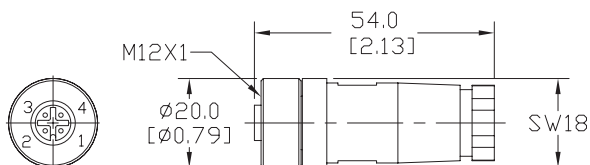
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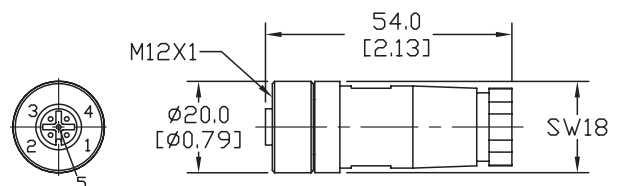
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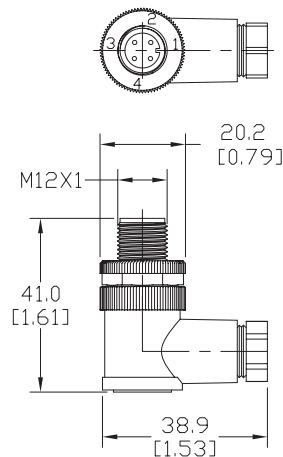


Field Wireable Connectors Sensor/Signal and Data

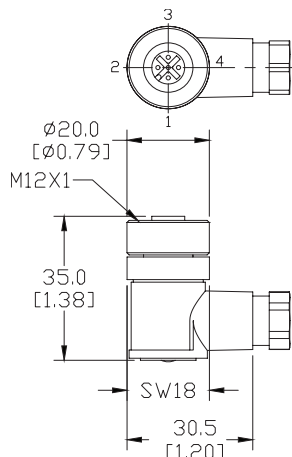
Dimensions

mm [inches]

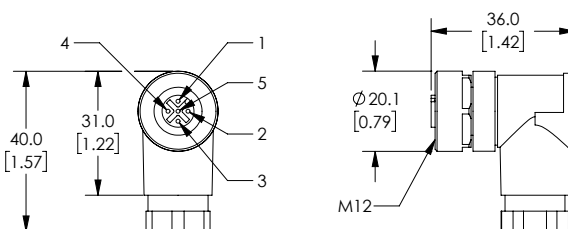
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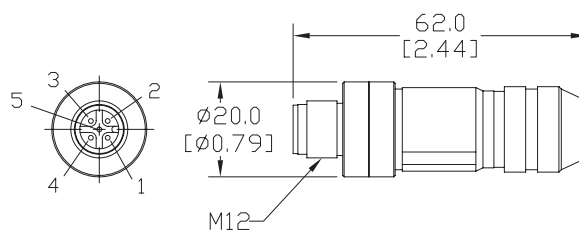
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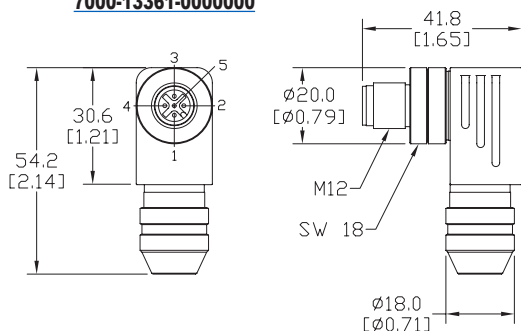
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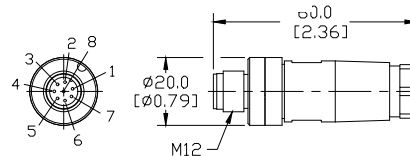
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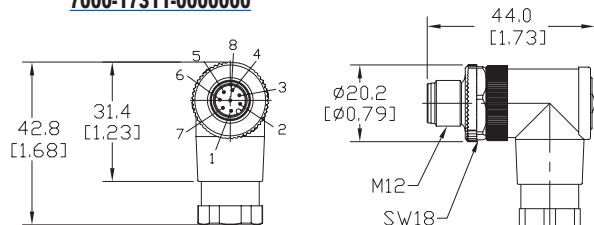
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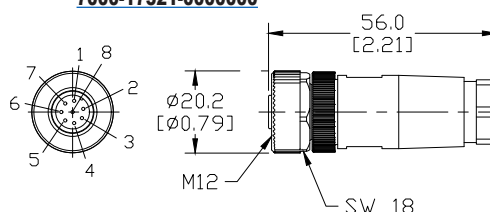
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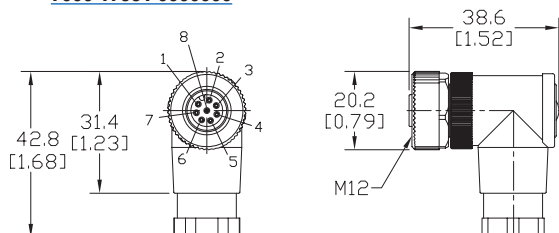
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