

Field Wireable Connectors

M12 Field Wireable 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	Voltage	Poles	Connection Type	Conductor Wire	Housing Material	Outside Cable Ø		
7000-12701-0000000	\$7.00	250V AC/DC	4	Axial male	18 AWG [0.75 mm ²] max.	Polyamide (PA)	4 to 6 mm [0.157 to 0.236 in]		
7000-12721-0000000	\$8.75	125V AC/DC	5	Axial male					
7000-12901-0000000	\$7.00	250V AC/DC	4	Axial female					
7000-12921-0000000	\$8.75	125V AC/DC	5	Axial female					
7000-12741-0000000	\$7.00	250V AC/DC	4	Axial male					
7000-12761-0000000	\$8.75	125V AC/DC	5	Axial male					
7000-12941-0000000	\$7.00	250V AC/DC	4	Axial female			6 to 8 mm [0.236 to 0.315 in]		
7000-12961-0000000	\$8.75	125V AC/DC	5	Axial female					
7000-12821-0000000	\$7.00	250V AC/DC	4	Right-angle male					
7000-12981-0000000	\$7.00	250V AC/DC	4	Right-angle female					
7000-17301-0000000	\$20.00	60V AC/DC	8	Axial male				20 AWG [0.5 mm ²] max.	PUR
7000-17311-0000000	\$20.00	60V AC/DC	8	Right-angle male					
7000-17321-0000000	\$20.00	60V AC/DC	8	Axial female					
7000-17331-0000000	\$20.00	60V AC/DC	8	Right-angle female					
Shielded									
7000-14581-0000000	\$22.00	250V AC/DC	4	Right-angle male, D-coded	18 AWG [0.75 mm ²] max.	CuZn Nickel Plated	6 to 8 mm [0.236 to 0.315 in]		
7000-13321-0000000	\$18.00	125V AC/DC	5	Axial male					
7000-13361-0000000	\$24.00	125V AC/DC	5	Right-angle male					
7000-17341-0000000	\$24.00	60V AC/DC	8	Axial male	20 AWG [0.5 mm ²] max.				

NOTE: Dimensions for these connectors are located on the following drawing pages.

Specifications		
Outside Cable Ø (mm)	4.0 to 6.0	6.0 to 8.0
Nominal Voltage	4-pin: 250V 5-pin: 125V	4-pin: 250V 5-pin: 125V 8-pin: 60V
Current (max)	4A	4-pin and 5-pin: 4A 8-pin: 2A
Temperature	-25° to 85°C [13° to 185°F]	
Environmental Protection	IP67	
Isolation Materials	N/A	
Wire Diameter	N/A	
Isolation Resistance	Category III per IEC 60664-1	
Screw	M2.5x0.45 mm ² torque to 40 N·m [29.5 ft·lb]	
Weight	0.05 oz [1.42 g]	0.06 oz [1.7 g]
Agency Approvals	UL Recognized. File E224242	

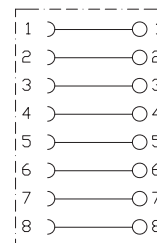
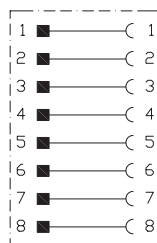
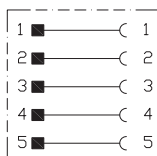
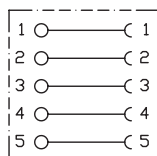
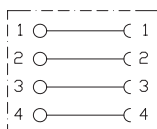
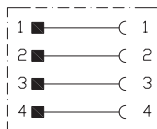
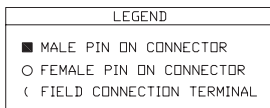
To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

Field Wireable Connectors

M12 Screw Connectors Dimensions and Wiring

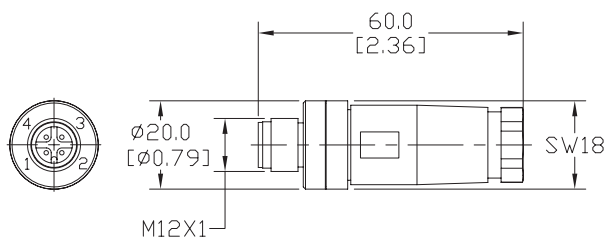
Wiring Diagrams

Screw Connection Technique

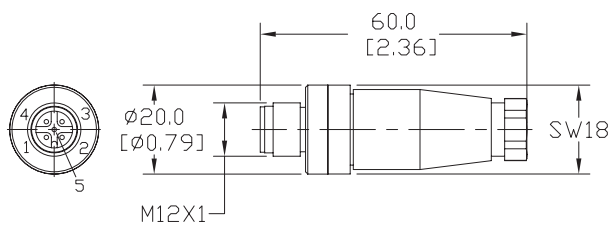


Dimensions mm [in]

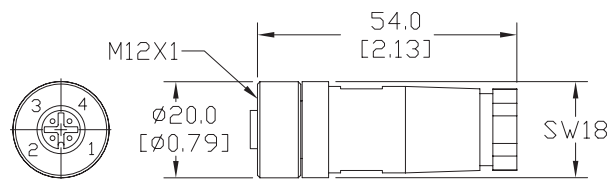
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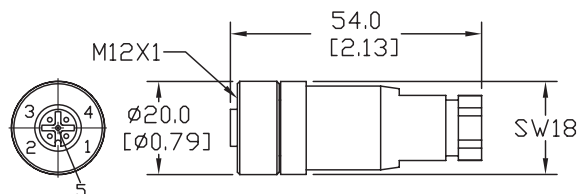
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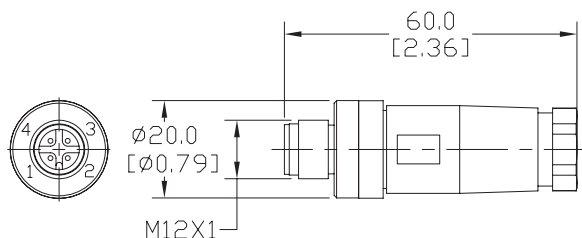
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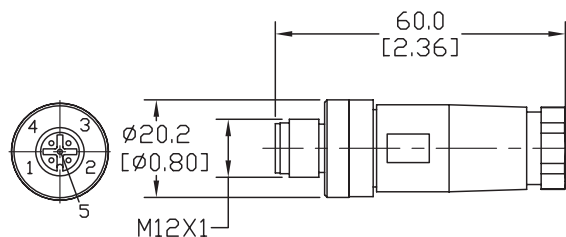
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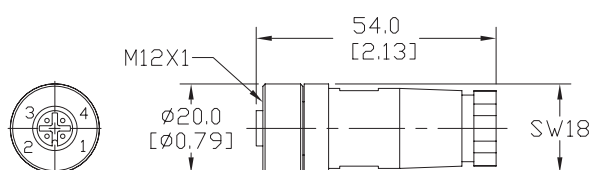
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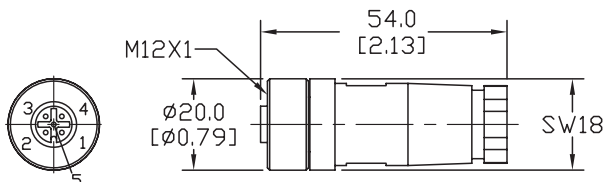
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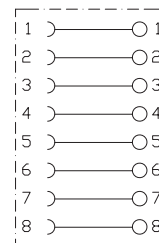
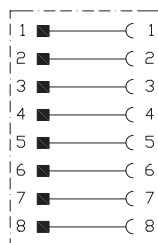
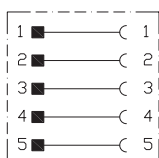
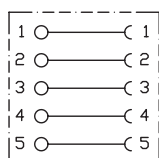
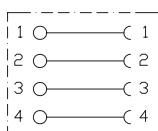
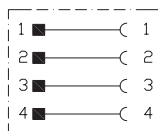
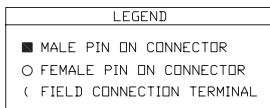


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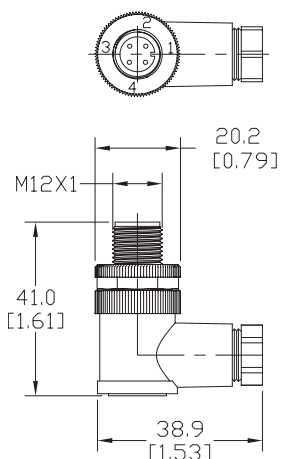
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Screw Connection Technique

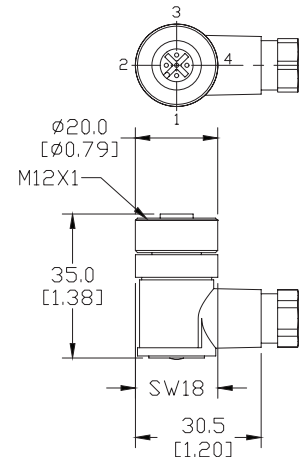


Dimensions mm [in]

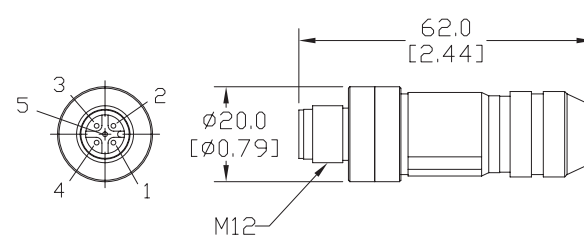
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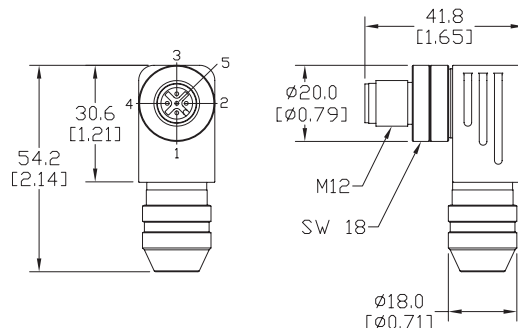
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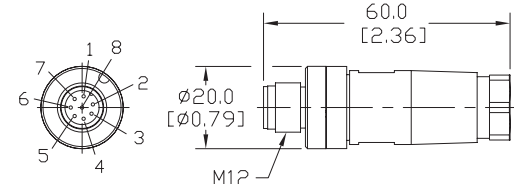
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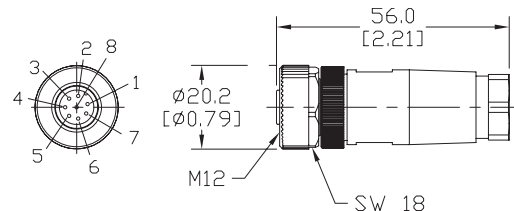
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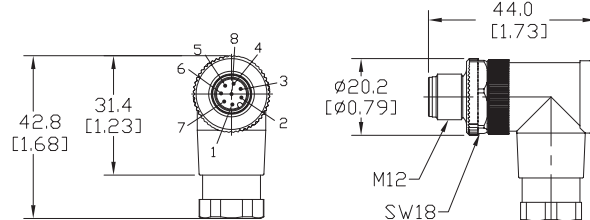
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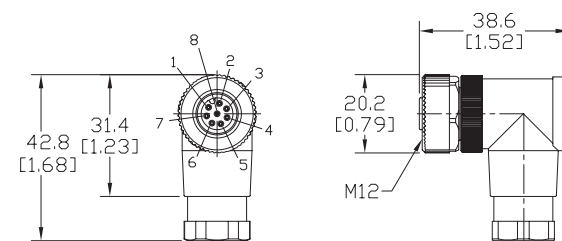
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