

## DC Micro Style



DC Micro Female

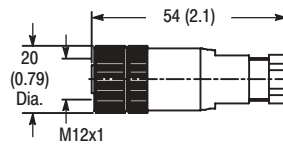
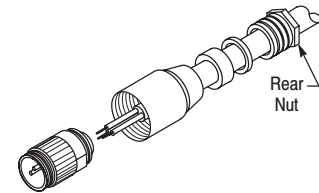
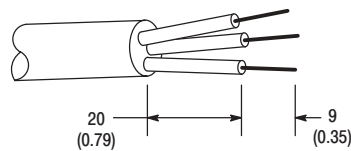
### Specifications

<b>Mechanical</b>	
<b>Coupling Nut</b>	Nickel-plated brass
<b>Connector Shell Material</b>	PBT, except embedded thermistor models: Nylon
<b>Contacts</b>	Gold-plated palladium nickel
<b>Cable</b>	18 AWG (0.75 mm <sup>2</sup> ) max.
<b>Electrical</b>	
<b>Assembly Rating</b>	4- or 5-pin: 250V, 4 A; 8-pin: 60V, 2 A
<b>Environmental</b>	
<b>Enclosure Type Rating</b>	IP 67
<b>Operating Temperature—C (F)</b>	-40...+88° (-40...+185°)

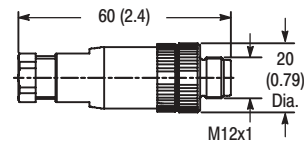
### Features

- Field installable
- 4- or 5-pin DC micro style
- Straight or right angle
- Single cable or dual cable models
- Screw terminals provide simple and secure installation
- Allows easy modification of existing cable installations
- Embedded thermistor models designed for use with ArmorPoint thermocoupling input modules provide cold junction compensation capability

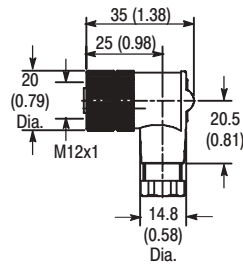
### Dimensions—mm (in)



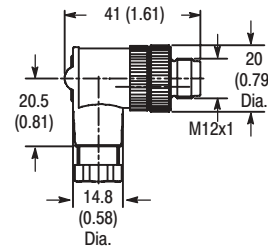
Straight Female



Straight Male



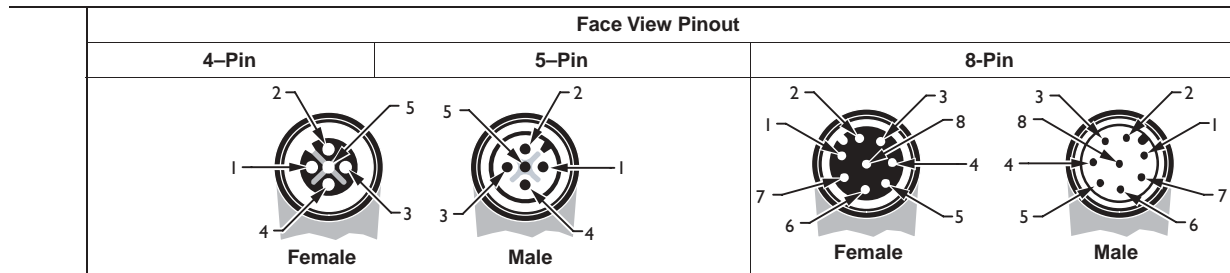
Right Angle Female



Right Angle Male

Dimensions are approximate. Illustrations are not drawn to scale.

## Pinout



## Product Selection

### Single-Cable Model Terminal Chambers

Pin Count	Cable Jacket Diameter—mm (in)	Assembly Rating	Rear Nut Thread Size	Cat. No.			
				Straight Female	Right Angle Female	Straight Male	Right Angle Male
4-Pin	4.0...6.0 (0.16...0.24)	250V, 4 A	PG 7	<a href="#">871A-TS4-D</a>	<a href="#">871A-TR4-D</a>	<a href="#">871A-TS4-DM</a>	<a href="#">871A-TR4-DM</a>
	6.0...8.0 (0.24...0.32)		PG 9	<a href="#">871A-TS4-D1</a>	<a href="#">871A-TR4-D1</a>	<a href="#">871A-TS4-DM1</a>	<a href="#">871A-TR4-DM1</a>
5-Pin	4.0...6.0 (0.16...0.24)		PG 7	<a href="#">871A-TS5-D</a>	<a href="#">871A-TR5-D</a>	<a href="#">871A-TS5-DM</a>	<a href="#">871A-TR5-DM</a>
	6.0...8.0 (0.24...0.32)		PG 9	<a href="#">871A-TS5-D1</a>	<a href="#">871A-TR5-D1</a>	<a href="#">871A-TS5-DM1</a>	<a href="#">871A-TR5-DM1</a>
8-Pin	6.0...8.0 (0.24...0.32)	60V, 2 A	PG 9	<a href="#">871A-TS8-D1</a>	—	<a href="#">871A-TS8-DM1</a>	—

### Dual-Cable Model Terminal Chambers

Pin Count	Cable Jacket Diameter—mm (in)	Assembly Rating	Rear Nut Thread Size	Cat. No.	
				Straight Male	Right Angle Male
4-Pin	Two cables 2.1...3.0 (0.08...0.12) or 3.5...5.2 (0.14...0.21)	250V, 4 A	PG 9	<a href="#">871A-VS4-DM</a>	<a href="#">871A-VR4-DM</a>
5-Pin				<a href="#">871A-VS5-DM</a>	<a href="#">871A-VR5-DM</a>

### Embedded Thermistor Terminal Chambers

Pin Count	Cable Jacket Diameter—mm (in)	Assembly Rating	Wiring Diagram	Cat. No.	
				Straight Male	Right Angle Male
4-Pin	3.0...6.5 (0.12...0.26)	250V, 4 A	<p>1 — TC+ 2 — TC+ 3 — TC- 4 — TC-</p>	<a href="#">871A-TS4CJC-DM★</a>	<a href="#">871A-TR4CJC-DM★</a>

★ This model comes with nickel-plated brass coupling nuts as standard and is not available in stainless steel version.

**Note:** Stainless steel coupling nuts available, add an "S" to the bulletin number (e.g. [871AS-TS4-DM](#)).