

# Round Media



*Straight Female Micro Style*

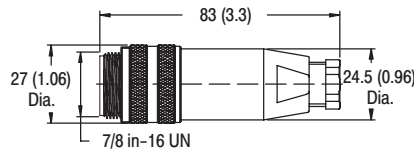


*Female Mini Style*

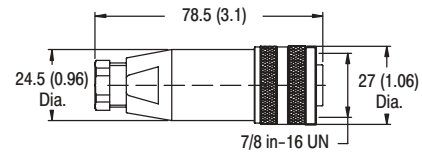
## Specifications

<b>Mechanical</b>	
<b>Coupling Nut Material</b>	Micro: nickel-plated brass; Mini: anodized aluminum
<b>Connector Shell Material</b>	Nylon
<b>Contacts</b>	Mini: Gold-plated brass; Micro: Gold over nickel-plated brass
<b>Shock/Vibration</b>	5 G, 30...120 Hz
<b>Electrical</b>	
<b>Assembly Rating</b>	Mini: 250V, 9 A; Micro: 125V, 4 A
<b>Environmental</b>	
<b>Enclosure Type Rating</b>	NEMA 6; IP 67 (IEC 529)
<b>Operating Temperature—C (F)</b>	-25...+70° (-13...+158°)

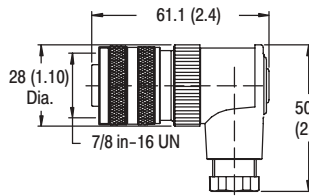
## Dimensions—mm (in)



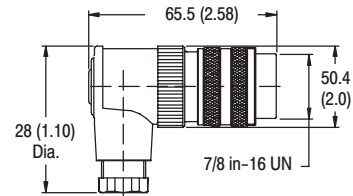
*Figure A  
 Mini Style Female*



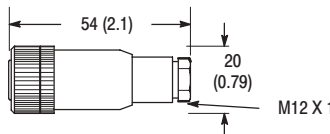
*Figure B  
 Mini Style Male*



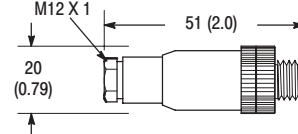
*Figure C  
 Micro Style Female*



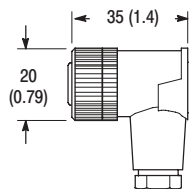
*Figure D  
 Micro Style Male*



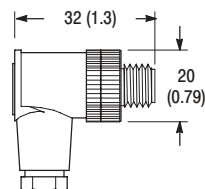
*Figure E  
 Micro Style Female*



*Figure F  
 Micro Style Male*



*Figure G  
 Micro Right Angle Female*



*Figure H  
 Micro Right Angle Male*

## Description


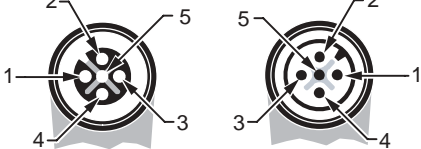
Terminal chambers are passive field-installable connectors. Allen-Bradley 5-pin micro style and 5-pin mini style terminal chambers are designed for use with DeviceNet systems. These connectors contain screw terminals for quick and easy installation and are sized for use with either DeviceNet thick or thin cables.

## Features

- Field installable
- Straight and right angle 5-pin terminal chambers
- Mini and micro versions
- Screw terminal installation
- Thick and thin cable versions

Dimensions are approximate. Illustrations are not drawn to scale.

### Pinout and Color Code

Face View Pinout			
			
Mini Connector		Micro Connector	
Female	Male	Female	Male
Color Code		1 Drain 2 Red (V+) 3 Black (V-)	
		4 White (CAN_H) 5 Blue (CAN_L)	

### Product Selection

Media Use	Connector Type	Connector Style	Type	Dimensions	Cat. No.
Thick	Mini	Straight	Female	A	<a href="#">871A-TS5-N3</a>
			Male	B	<a href="#">871A-TS5-NM3</a>
Right Angle		Female	A	<a href="#">871A-TS5-N1</a>	
		Male	B	<a href="#">871A-TS5-NM1</a>	
Thin	Micro	Straight	Female	C	<a href="#">871A-TR5-N1</a>
			Male	D	<a href="#">871A-TR5-NM1</a>
		Right Angle	Female	E	<a href="#">871A-TS5-D1</a>
			Male	F	<a href="#">871A-TS5-DM1</a>
Right Angle		Female	G	<a href="#">871A-TR5-D1</a>	
		Male	H	<a href="#">871A-TR5-DM1</a>	