Cordsets & Patchcords, DC Micro Style
18 and 22 AWG, Yellow, Black, or Blue PVC

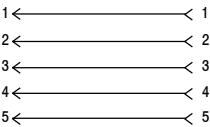# DC Micro Style

4-Pin DC Micro Cordset

Features

- Ratcheting coupling nut
- Subtle black or highly visible yellow PVC jacket offers good oil and chemical resistance
- Blue jacket models for intrinsically safe applications
- "–V" models allow wiring of devices using pin 2 for output into standard single-point distribution boxes and IP 67 I/O
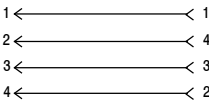
Specifications

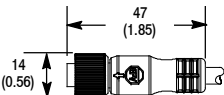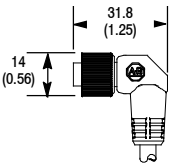|	
Certifications	UL Recognized and CSA Certified
Mechanical	
Coupling Nut	Epoxy-coated zinc
Material	Molded oil-resistant PUR
Contacts	Gold-plated brass
Cable	Oil-resistant PVC jacket, 18 AWG or 22 AWG conductors, 300V, UL Recognized and CSA Certified
Bend Radius	10x diameter, min.
Cable Diameter	2/c = 5 mm (0.21 in.) 3/c = 5 mm (0.21 in.) 4/c = 5 mm (0.21 in.) 5/c = 6.5 mm (0.25 in.) 4/c (18AWG) = 6.5 mm (0.25 in.)
Electrical	
Cable Rating	UL AWM style 2661 VW–1 105C 300V, CSA AWM A/B I/II 80C 300V FT1, UV oil and water resistant
Assembly Rating	250V, 4 A
Environmental	
Enclosure Type Rating	IP 67, NEMA 6P, 1200 psi (8270 kPa) washdown
Operating Temperature [C (F)]	–20…+105 ° (–4…+221 °)

Wiring Diagrams

Standard Models

1 ←	← 1
2 ←	← 2
3 ←	← 3
4 ←	← 4
5 ←	← 5

889D-*4ACD*-V* Models

1 ←	← 1
2 ←	← 4
3 ←	← 3
4 ←	← 2

Approximate Dimensions [mm (in.)]

47 (1.85)
14 (0.56)

Straight Female

31.8 (1.25)
14 (0.56)

Right Angle Female

50.8 (2.0)
14 (0.56)

Straight Male

34.3 (1.35)
31.8 (1.25)
14 (0.56)
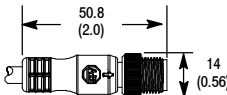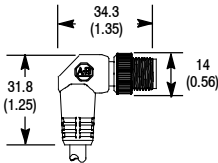
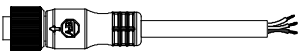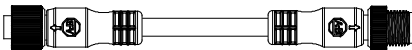**Right Angle Male**

Dimensions are approximate. Illustrations are not drawn to scale.
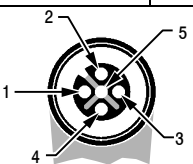
Example of Cordset

Example of Patchcord

Allen-Bradley
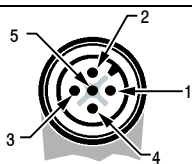
Pinout and Color Code

	Face View Pinout			
	2-Pin	**3-Pin**	**4-Pin**	**5-Pin**
Color Code		Female	Male	
A	1 NA 4 Blue 2 NA 5 NA 3 Brown	1 Brown 4 Black 2 NA 5 NA 3 Blue	1 Brown 4 Black 2 White 5 NA 3 Blue	1 Brown 4 Black 2 White 5 Grey 3 Blue

Product Selection

Cordsets

				Cat. No.			
Pin Count	**Color Code**	**Jacket Color**	**Wire Gauge**	**Straight Female**	**Right Angle Female**	**Straight Male**	**Right Angle Male**
2-Pin	A	Yellow		889D-F2AC-❶	889D-R2AC-❶	889D-M2AC-❶	889D-E2AC-❶
3-Pin	A	Yellow	22 AWG	889D-F3AC-❶	889D-R3AC-❶	889D-M3AC-❶	889D-E3AC-❶
4-Pin	A	Yellow		**889D-F4AC-❶**	**889D-R4AC-❶**	**889D-M4AC-❶**	**889D-E4AC-❶**
	A	Yellow	18 AWG	**889D-F4AE-❶**	**889D-R4AE-❶**	889D-M4AE-❶	889D-E4AE-❶
	A	Black	22 AWG	**889D-F4BC-❶**	**889D-R4BC-❶**	889D-M4BC-❶	889D-E4BC-❶
	A	Blue		889D-F4LC-❶	889D-R4LC-❶	889D-M4LC-❶	889D-E4LC-❶
5-Pin	A	Yellow	22 AWG	**889D-F5AC-❶**	**889D-R5AC-❶**	**889D-M5AC-❶**	889D-E5AC-❶
	A	Black		889D-F5BC-❶	889D-R5BC-❶	889D-M5BC-❶	889D-E5BC-❶

Patchcords

				Cat. No.			
Pin Count	**Color Code**	**Jacket Color**	**Wire Gauge**	**Straight Female Straight Male**	**Straight Female Right Angle Male**	**Right Angle Female Straight Male**	**Right Angle Female Right Angle Male**
2-Pin	A	Yellow	22 AWG	889D-F2ACDM-❷	889D-F2ACDE-❷	889D-R2ACDM-❷	889D-R2ACDE-❷
3-Pin	A	Yellow	22 AWG	889D-F3ACDM-❷	889D-F3ACDE-❷	889D-R3ACDM-❷	889D-R3ACDE-❷
4-Pin	A	Yellow	22 AWG	**889D-F4ACDM-❷**	**889D-F4ACDE-❷**	**889D-R4ACDM-❷**	889D-R4ACDE-❷
	A❸	Yellow	22 AWG	889D-F4ACDM-V❷	889D-F4ACDE-V❷	889D-R4ACDM-V❷	889D-R4ACDE-V❷
	A	Yellow	18 AWG	889D-F4AEDM-❷	889D-F4AEDE-❷	889D-R4AEDM-❷	889D-R4AEDE-❷
	A	Black	22 AWG	889D-F4BCDM-❷	889D-F4BCDE-❷	889D-R4BCDM-❷	889D-R4BCDE-❷
	A	Blue	22 AWG	889D-F4LCDM-❷	889D-F4LCDE-❷	889D-R4LCDM-❷	889D-R4LCDE-❷
5-Pin	A	Yellow	22 AWG	**889D-F5ACDM-❷**	889D-F5ACDE-❷	889D-R5ACDM-❷	889D-R5ACDE-❷
	A	Yellow	22 AWG	889D-F5BCDM-❷	889D-F5BCDE-❷	889D-R5BCDM-❷	889D-R5BCDE-❷

❶ Replace symbol with 2 (2 m), 5 (5 m) or 10 (10 m) for standard cable lengths.
❷ Replace symbol with 0M3 (1 ft), 1 (1 m), 2 (2 m), 5 (5 m) or 10 (10 m) for standard lengths.
❸ See Wiring Diagrams.

Note: Stainless steel connectors may be ordered by adding an "S" to the cat. no. (e.g. 889D**S**-F4AC-2).