

Cordsets and Patchcords, DC Micro Style

18 and 22 AWG, PUR, TPE, or TPR



4-Pin DC Micro Cordset

Features

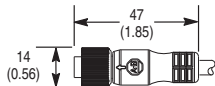
- PUR jacket provides good oil and chemical resistance
- TPE jacket material for good oil, chemical, and weld slag resistance
- 8-pin/7-wire configuration for Sipa safety switches and other applications
- Ratcheting coupling nuts for vibration resistance

Specifications

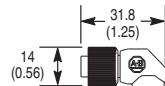
Certifications	UL Recognized and CSA Certified
Mechanical	
Coupling Nut Material	Epoxy-coated zinc
Material	Molded oil-resistant PUR
Contact Material	Gold over nickel-plated brass
Cable Type	Oil-resistant PVC jacket, 18 & 22 AWG or 24 AWG conductors, 300V; UL Recognized and CSA Certified
Bend Radius	10x diameter
Cable Diameter [mm (in.)]	4/c (PUR): 5 (0.21) 4/c (18 AWG TPE): 7 (0.28) 4/c (22 AWG TPE): 4.9 (0.19) 5/c: 6.5 (0.25) 7/c: 7.4 (0.29) 8/c: 7.4 (0.29)
Electrical	
Cable Rating	4 & 5/c (PUR): UL AWM style 20866 VW-1 80C 300V, CSA AWM A/B I/II 80C 300V FT1, UV oil and water resistant 8/c (PUR): UL AWM style 20866 90C 300V, CSA II A 90C 300V TPE: UL AWM style 20327 VW-1 105C 300V, CSA AWM A/B I/II 105C 300V FT1, UV oil and water resistant
Environmental	
Enclosure Type Rating	IP67, NEMA 6P, 1200 psi (8270 kPa) washdown, IP69K
Temperature Rating [C (F)]	PUR models: -20...+80 ° (-4...+176 °) TPE models: -50...+105 ° (-58...+221 °) TPR models: -25...+125 ° (-13...+256 °)

Approximate Dimensions

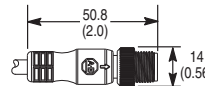
Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



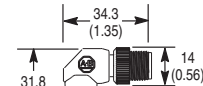
Straight Female



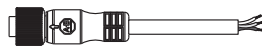
Right Angle Female



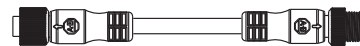
Straight Male



Right Angle Male



Example of Cordset



Example of Patchcord

Cordsets & Field Attachables
Cordsets and Patchcords, DC Micro Style
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Pinout and Color Code

Color Code	Face View Pinout						
	3-Pin	4-Pin		5-Pin		8-Pin	
	Female	Female	Male	Female	Male	Female	Male
A	1 Brown 2 NA 3 Blue 4 Black 5 NA	1 Brown 2 White 3 Blue	4 Black 5 NA	1 Brown 2 White 3 Blue	4 Black 5 Grey	1 Red 2 Blue 3 Green 4 Yellow	5 Black 6 White 7 N.C. 8 Grey
B	—	—	—	—	—	1 White 2 Brown 3 Green 4 Yellow	5 Grey 6 Pink 7 Blue 8 Red

Product Selection

Cordsets

No. of Pins	Cable Type	Wire Size, AWG	Assembly Rating	Color Code	Cat. No.*			
					Straight Female	Right Angle Female	Straight Male	Right Angle Male
3-Pin	PUR	18	250V, 4 A	A	889D-F3UE-2	889D-R3UE-2	889D-M3UE-2	889D-E3UE-2
4-Pin	TPE	18			889D-F4HJ-2	889D-R4HJ-2	889D-M4HJ-2	889D-E4HJ-2
		22			889D-F4HL-2	889D-R4HL-2	889D-M4HL-2	889D-E4HL-2
	PUR	22			889D-F4UC-2	889D-R4UC-2	889D-M4UC-2	889D-E4UC-2
5-Pin	PUR	18			889D-F4UE-2	889D-R4UE-2	889D-M4UE-2	889D-E4UE-2
		22			889D-F5UC-2	889D-R5UC-2	889D-M5UC-2	889D-E5UC-2
	TPR	24	889D-F8AC-2	—	—	—		
8-Pin	PUR	24	30V AC/36V DC 1.5 A	B	889D-F8AB-2	889D-R8AB-2	889D-M8AB-2	889D-E8AB-2
	PVC Shielded	24			889D-F8FB-2	889D-R8FB-2	889D-M8FB-2	—

* The 2 at the end of the cat. no. is for 2 m cable length. Replace the 2 with 5 (5 m) or 10 (10 m) for standard cable lengths.

Patchcords

No. of Pins	Cable Type	Wire Size, AWG	Assembly Rating	Color Code	Cat. No.*			
					Straight Female	Straight Female Right Angle Male	Right Angle Female Straight Male	Right Angle Female Right Angle Male
3-Pin	PUR	18	250V, 4 A	A	889D-F3UEDM-2	889D-F3UEDE-2	889D-R3UEDM-2	889D-R3UEDE-2
4-Pin	TPE	22			889D-F4HJDM-2	889D-F4HJDE-2	889D-R4HJDM-2	889D-R4HJDE-2
		22			889D-F4HLDM-2	889D-F4HLDE-2	889D-R4HLDM-2	889D-R4HLDE-2
	PUR	18			889D-F4UCDM-2	889D-F4UCDE-2	889D-R4UCDM-2	889D-R4UCDE-2
5-Pin	PUR	22			889D-F4UEDM-2	889D-F4UEDE-2	889D-R4UEDM-2	889D-R4UEDE-2
8-Pin		24			889D-F5UCDM-2	889D-F5UCDE-2	889D-R5UCDM-2	889D-R5UCDE-2
8-Pin	PVC Shielded	24	30V AC/36V DC 1.5 A	B	889D-F8ABDM-2	889D-F8ABDE-2	889D-R8ABDM-2	889D-R8ABDE-2
8-Pin					889D-F8FBDM-2	889D-F8FBDE-2	889D-R8FBDM-2	889D-R8FBDE-2

* The 2 at the end of the cat. no. is for 2 m cable length. Replace the 2 with **OM3** (0.3 m), 1 (1 m), 5 (5 m), or 10 (10 m) for standard cable lengths.

Note: Stainless steel connectors may be ordered by adding an **S** to the bulletin number (e.g. 889DS-F4HJ-2).

3-Cordsets