Cordsets & Patchcords, Pico Style

24 AWG, Yellow PVC or PUR, Screw-On or Snap-On, LED and NonLED

Pico Style



Pico Screw-On Style

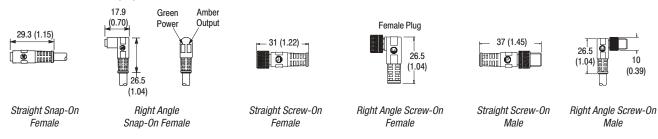
Features

- Highly visible yellow PVC jacket offers good oil and chemical resistance
- LED versions provide power and output indication for either PNP or NPN devices
- Snap-on coupling style for quick and simple connection

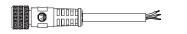
Specifications

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Certifications	UL recognized and CSA certified
Mechanical	
Coupling Nut Material	Nickel-plated brass
Connector Material	Molded TPE
Contacts	Gold over nickel-plated brass
Cable	Oil-resistant yellow PVC or PUR jacket, 24 AWG conductors, 300V, UL recognized, CSA certified
Cable Diameter	3/c = 4.3 mm (0.17 in) 4/c = 4.6 mm (0.18 in)
Electrical	
Cable Rating	PVC: UL AWM style 2661 VW–1 105C 300V, CSA AWM A/B I/II 105C 300V FT1 PUR: UL AWM style 20233 or 20549 80C 300V
Assembly Rating	NonLED: 60V AC/75V DC, 4 A; LED: 1030V DC, 4 A
Environmental	
Enclosure Type Rating	Screw-type: IP 67 Snap-on type: IP 65
Operating Temperature—C (F)	PVC models: -20+105° (-4+221°) PUR models: -20+80° (-4+176°)

Dimensions—mm (in)



Dimensions are approximate. Illustrations are not drawn to scale.

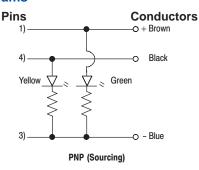


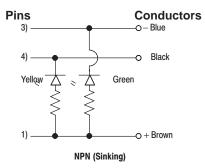
Example of Cordset



Example of Patchcord

Wiring Diagrams





3–106 *Allen-Bradley*

Pinout and Color Code

		Face Vie	w Pinout		
	3-	Pin	4-Pin		
	3	3	2 2 4		
Color Code	Female	Male	Female	Male	
А	1 Brown 3 Blue	4 Black	1 Brown 2 White	3 Blue 4 Black	

Product Selection

Snap-On Cordsets

					Cat. No.		
Pin Count	Jacket Material	Assembly Rating	Color Code	LED Type	Straight Female	Right Angle Female	
3-Pin	Yellow PVC	24 AWG			889P-S3AB-*	889P-Z3AB-*	
3-PIN	Yellow PUR	60V AC/75V DC 4 A		_	889P-S3UB-*	889P-Z3UB-*	
	Yellow PVC	24 AWG 1030V DC A 4 A		PNP	_	889P-W3AB-*	
	Yellow PUR				_	889P-W3UB-*	
3-Pin LED	Yellow PVC			A	NPN	_	889P-Y3AB-*
	Yellow PUR			INPIN	_	889P-Y3UB-*	
4-Pin	Yellow PVC	24 AWG			889P-S4AB-*	889P-Z4AB-*	
4-PIN	Pin Yellow PUR 60V AC/75V DC 4 A		_	889P-S4UB-*	889P-Z4UB-*		

Screw-On Cordsets

					Cat. No.										
Pin Count	Jacket Material	Assembly Rating	Color Code	LED Type	Straight Female	Right Angle Female	Straight Male	Right Angle Male							
3-Pin	Yellow PVC	24 AWG			889P-F3AB-*	889P-R3AB-*	889P-M3AB-*	889P-E3AB-*							
3-PIN	Yellow PUR	60V AC/75V DC 4 A		_	889P-F3UB-*	889P-R3UB-*	_	_							
	Yellow PVC		PNP	•			DND	_	889P-P3AB-*	_	_				
3-Pin LED	Yellow PUR	24 AWG					Α				1	_	889P-P3UB-*	_	_
3-PIII LED	Yellow PVC		1030V DC/			1030V DC/ 4 A				_	889P-N3AB-*	_	_		
	Yellow PUR								i			INFIN	NPN	_	889P-N3UB-*
4-Pin	Yellow PVC	24 AWG			889P-F4AB-*	889P-R4AB-*	889P-M4AB-*	889P-E4AB-*							
4-PIN	Yellow PUR	60V AC/75V DC 4 A		_	889P-F4UB-*	889P-R4UB-*	889P-M4UB-*	889P-E4UB-*							

Screw-On Patchcords

				Cat. No.				
Pin Count	Jacket Color	Assembly Rating	Color Code	Straight Female Straight Male	Straight Female Right Angle Male	Right Angle Female Straight Male	Right Angle Female Right Angle Male	
3-Pin	Yellow PVC			889P-F3ABPM-‡	889P-F3ABPE-‡	889P-R3ABPM-‡	889P-R3ABPE-‡	
3-PIN	Yellow PUR				889P-F3UBPM-‡	_	889P-R3UBPM-‡	_
4-Pin	Yellow PVC	24 AWG		889P-F4ABPM3-‡	889P-F4ABP3E-‡	889P-R4ABPM3-‡	889P-R4ABP3E-‡	
Female to 3-Pin Male	Yellow PUR	60V AC/75V DC 3 A	A	889P-F4UBPM3-‡	_	_	_	
4-Pin	Yellow PVC			889P-F4ABPM-‡	_	_	_	
4-PIN	Yellow PUR			889P-F4UBPM-‡	_	889P-R4UBPM-‡	_	

Allen-Bradley 3-107

^{*} Replace symbol with 2 (2 m), (5 m) or 10 (10 m) for standard cable lengths.
‡ Replace symbol with 1 (1 m), 2 (2 m), 3 (3 m), 5 (5 m) or 10 (10 m) for standard cable lengths.

Patchcords, Pico Style

24 AWG, Pico to DC Micro, PVC

Pico Style



DC Micro to Pico Patchcord

Features

- Highly visible yellow PVC jacket offers good oil and chemical resistance
- Convenient connection from pico to DC micro
- Ratcheting coupling nut for vibration resistance

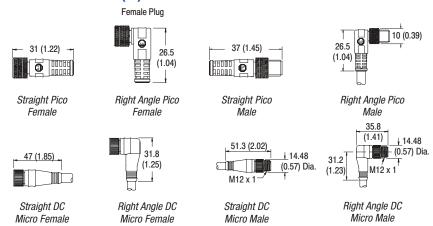
Wiring Diagrams

3-Pin Pico	4-Pin DC Micro
Pin 1>	>Pin 1
	>Pin 2
Pin 3>	>Pin 3
Pin 4>	>Pin 4
4-Pin Pico Female	4-Pin DC Micro Male
4-FIII FICO FEITIAIE	4-Pin DC Micro Male
	>Pin 1
Pin 1>	
Pin 1>	>Pin 1
Pin 1>———— Pin 2>———— Pin 3>—	>Pin 1 >Pin 2

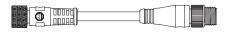
Specifications

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Certifications	UL recognized and CSA certified
Mechanical	
Coupling Nut Material	DC micro: Black epoxy-coated zinc Pico: Nickel-plated brass
Connector Material	DC micro: Molded oil-resistant PUR Pico: Molded oil resistant TPE
Contacts	Gold over nickel-plated brass
Cable	Oil-resistant yellow PVC jacket, 24 AWG conductors, 300V, UL recognized and CSA certified
Cable Diameter	4.3 mm (0.17 in)
Electrical	
Cable Rating	UL AWM style 2661 VW–1 105C 300V, CSA AWM A/B I/II 105C 300V FT1
Assembly Rating	60V AC/75V DC, 3 A
Environmental	
Enclosure Type Rating	IP 67
Operating Temperature—C (F)	-20+105° (-4+221°)
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Dimensions—mm (in)



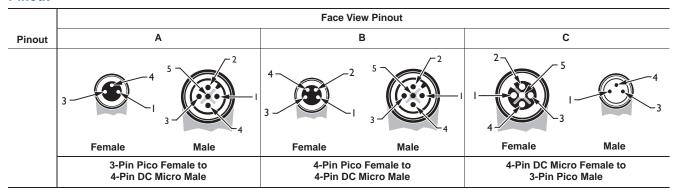
Dimensions are approximate. Illustrations are not drawn to scale.



Example of Patchcord

3–108 Allen-Bradley

Pinout



Product Selection

Patchcords	8 1111	
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			Cat. No.				
Style: Female to Male	Pinout	Assembly Rating	Straight Female Straight Male	Straight Female Right Angle Male	Right Angle Female Straight Male	Right Angle Female Right Angle Male	
3-Pin Pico to 4-Pin DC Micro	А		889P-F3ABDM4-*	889P-F3ABDE4-*	889P-R3ABDM4-*	889P-R3ABDE4-*	
4-Pin Pico to 4-Pin DC Micro	В	24 AWG 60V AC/75V DC 3 A	889P-F4ABDM-*	889P-F4ABDE-*	_	_	
4-Pin DC Micro to 3-Pin Pico	С		889D-F4ABP3M-*	889D-F4ABP3E-*	889D-R4ABP3M-*	889D-R4ABP3E-*	

^{*} Replace symbol with 1 (1 m), 2 (2 m), 5 (5 m) or 10 (10 m) for standard cable lengths.

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