



Allen-Bradley

Rockwell Automation offers a wide variety of connection products for interfacing field devices to I/O, junction boxes, PLCs and more. When implementing these components in an On-Machine™ control design—a solution that moves the industrial controls and hardware closer to the application while minimizing cost and the number of components in the cabinet—cabling must offer the ability to withstand tough plant floor environments while allowing for optimal system flexibility. From passive distribution boxes and overmolded cordsets to field attachable connectors, Allen-Bradley connection systems products are simple, cost effective solutions that are rugged enough to accompany the hardened components found in an On-Machine control architecture.

Even More Cable and Connector Options

With the expansion of the DC Micro-style (M12) connector family, Rockwell Automation has further broadened its wide range of Complete Automation solutions that provide flexibility and value in any control design. Thanks to the addition of new cable types and sizes, as well as the introduction of alternate coupling nut materials, a number of new cordsets and patchcords have been introduced.

Featuring an integral female connector on one end and flying leads on the other, *cordsets* provide fast and simple connectivity between field devices and terminal connections. *Patchcords*, on the other hand, have integral connectors at each end (one male, one female), and are the most efficient way to couple multiple connectorized field devices.

Focused on the industry standard PVC-jacketed cable, the Allen-Bradley DC Micro style cordset and patchcord expansion includes models based on the following cable types:

- Yellow 22AWG
- Yellow 22AWG with braided shield
- Yellow 18AWG
- Black 22AWG

DC Micro-Style (M12) Cordsets and Patchcords

**Expanded Offering Addresses a Wider Range
of General Purpose and On-Machine™ Applications**



Bulletin 889D

The epoxy-coated zinc coupling nuts supplied as standard on Allen-Bradley DC Micro style cordsets and patchcords provide excellent performance and durability in typical industrial environments. But for more demanding environments and applications requiring specific materials, stainless steel and nickel plated brass versions are also available.

Features

- 4-pin and 5-pin DC Micro-style
- Male or female connector types in straight or right angle versions
- Yellow or Black PVC cable jacket
- 22AWG or 18AWG conductors
- Epoxy-coated zinc DC Micro (M12) coupling nuts standard
- Optional stainless steel or nickel plated brass coupling nuts optional
- IP67, NEMA 6P, 1200psi (8270kPa) washdown rated

Benefits

- 4-pin or 5-pin DC Micro (M12) provides standard connectivity
- Variety of cable colors and sizes for flexibility in machine design
- Standard epoxy-coated zinc coupling nuts ensure durability in common industrial environments
- Optional stainless steel or nickel plated brass coupling nuts address the toughest industrial environments

Product Profile

**Rockwell
Automation**

General Ordering Information



DC Micro-style (M12) Cordsets (Shaded catalog numbers in **bold** indicate most popular configurations)

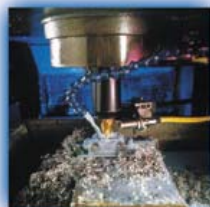
Gender	Configuration	Style	Catalog Number			
			Yellow PVC cable 22AWG	Yellow PVC cable 22AWG Braided Shield	Yellow PVC cable 18AWG	Black PVC cable 22AWG
Female	4-pin	Straight	889D-F4AC-x	889D-F4EC-x	889D-F4AE-x	889D-F4BC-x
Male			889D-M4AC-x	889D-M4EC-x	889D-M4AE-x	889D-M4BC-x
Female		Right Angle	889D-R4AC-x	889D-R4EC-x	889D-R4AE-x	889D-R4BC-x
Male			889D-E4AC-x	889D-E4EC-x	889D-E4AE-x	889D-E4BC-x
Female	5-pin	Straight	889D-F5AC-x	889D-F5EC-x	--	889D-F5BC-x
Male			889D-M5AC-x	889D-M5EC-x	--	889D-M5BC-x
Female		Right Angle	889D-R5AC-x	--	--	889D-R5BC-x
Male			889D-E5AC-x	--	--	889D-E5BC-x

DC Micro-style (M12) Patchcords (Shaded catalog numbers in **bold** indicate most popular configurations)

Female End Style	Configuration	Male End Style	Catalog Number			
			Yellow PVC cable 22AWG	Yellow PVC cable 22AWG Braided Shield	Yellow PVC cable 18AWG	Black PVC cable 22AWG
Straight	4-pin	Straight	889D-F4ACDM-y	889D-F4ECDM-y	889D-F4AEDM-y	889D-F4BCDM-y
		Right Angle	889D-F4ACDE-y	889D-F4ECDE-y	889D-F4AEDE-y	889D-F4BCDE-y
Right Angle		Straight	889D-R4ACDM-y	889D-R4ECDM-y	889D-R4AEDM-y	889D-R4BCDM-y
		Right Angle	889D-R4ACDE-y	889D-R4ECDE-y	889D-R4AEDE-y	889D-R4BCDE-y
Straight	5-pin	Straight	889D-F5ACDM-y	889D-F5ECDM-y	--	889D-F5BCDM-y
		Right Angle	889D-F5ACDE-y	--	--	889D-F5BCDE-y
Right Angle		Straight	889D-R5ACDM-y	--	--	889D-R5BCDM-y
		Right Angle	889D-R5ACDE-y	--	--	889D-R5BCDE-y

Notes:

- x corresponds to length in meters (2, 5, 10 standard)
- y corresponds to length in meters (1, 2, 3, 5, 10 standard)
- Optional stainless steel coupling nuts are available by adding an "S" to the bulletin number. Example **889DS-F4AC-2**
- Optional nickel plated brass coupling nuts are available by adding an "N" to the bulletin number. Example **889DN-F4AC-2**



www.rockwellautomation.com

Corporate Headquarters

Rockwell Automation, 777 East Wisconsin Avenue, Suite 1400, Milwaukee, WI, 53202-5302 USA, Tel: (1) 414.212.5200, Fax: (1) 414.212.5201

Headquarters for Allen-Bradley Products, Rockwell Software Products and Global Manufacturing Solutions

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation SA/NV, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, 27/F Citicorp Centre, 18 Whitfield Road, Causeway Bay, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Headquarters for Dodge and Reliance Electric Products

Americas: Rockwell Automation, 6040 Ponders Court, Greenville, SC 29615-4617 USA, Tel: (1) 864.297.4800, Fax: (1) 864.281.2433

Europe/Middle East/Africa: Rockwell Automation, Brühlstraße 22, D-74834 Elztal-Dallau, Germany, Tel: (49) 6261 9410, Fax: (49) 6261 17741

Asia Pacific: Rockwell Automation, 55 Newton Road, #11-01/02 Revenue House, Singapore 307987, Tel: (65) 6356-9077, Fax: (65) 6356-9011