

Get Connected with Rockwell Automation

Overview

Rockwell Automation offers a wide variety of connection products for interfacing field devices to I/O, junction boxes, PLCs and more. From passive distribution boxes and overmolded cordsets to field attachable connectors, Allen-Bradley connection systems products are simple, rugged, cost effective solutions for a broad range of industrial applications. As part of Rockwell Automation's commitment to providing solutions focused on value to our customers, Rockwell Automation has expanded its DC Micro-style (M12) cable family to include TPE cable models.

Features

- Male or female connector types
- Straight or right angle versions
- Yellow TPE cable jacket
- 18AWG conductors
- Epoxy-coated zinc DC Micro (M12) coupling nuts standard, stainless steel versions available
- IP67, NEMA 6P, 1200psi (8270kPa) washdown rated

Benefits

- Cable materials and construction allow for use in flexing applications, welding applications, and those involving machining fluids
- 4-pin DC Micro (M12) provides standard connectivity
- 18AWG conductors for increased robustness
- Epoxy coated zinc coupling nuts provide durability
- Stainless steel coupling nuts are available for use in the harshest industrial environments

DC Micro-Style (M12) TPE Cable Models Provide Enhanced Features for Automotive Applications



TPE Cordset and Patchcord

TPE Cable – The Universal Solution

Industrial environments can challenge the durability and longevity of any cable. Those connecting field devices on the machine are particularly at risk, being put in the midst of the most demanding environments. The automotive industry can be especially harsh with applications ranging from constant flexing to flying weld slag to constant contact with aggressive cutting fluids and oils. In order to provide an acceptable level of performance in one application, specific cable types are typically used that may not lend themselves to performing well in other types environments.

With Rockwell Automation's new line of TPE cordsets and patchcords, the same product can be used in multiple applications, reducing or even eliminating the need for customers to stock and manage multiple parts for different factory environments. This TPE cable formulation performs well in the presence of common machining fluids and oils, allows the cable to be rated for constant flexing, and provides resistance against weld slag in all but the most demanding applications. The result is a family of connection products that can be used reliably in multiple environments and applications, while simplifying the ordering, management, and maintenance products on the plant floor.

889D DC Micro TPE Cable

General Ordering Information for our most Popular TPE Products

Cordsets:

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.



DC Micro-style (M12) Cordsets

Gender	Configuration	Style	Part Number
Female	4-pin	Straight	889D-F4HJ-x
Male	4-pin	Straight	889D-M4HJ-x
Female	4-pin	Right Angle	889D-R4HJ-x
Male	4-pin	Right Angle	889D-E4HJ-x

Note: x corresponds to length in meters (2, 5, 10 standard)

Stainless steel coupling nuts may be ordered by adding an "S" to the bulletin number (e.g. 889DS-F4FC-2)

Patchcords:

With integral connectors at each end (one male, one female), patchcords are the most efficient way to couple connectorized field devices.

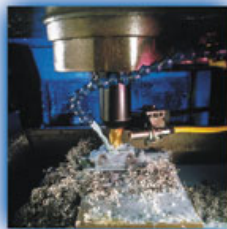
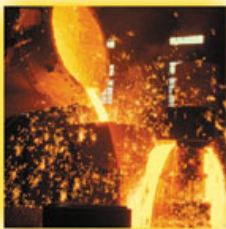


DC Micro-style (M12) Patchcords

Configuration	Style	Part Number
4-pin DC Micro Female to DC Micro Male	Straight Female to Straight Male	889D-F4HJDM-x
4-pin DC Micro Female to DC Micro Male	Straight Female to Right Angle Male	889D-F4HJDE-x
4-pin DC Micro Female to DC Micro Male	Right Angle Female to Straight Male	889D-R4HJDM-x
4-pin DC Micro Female to DC Micro Male	Right Angle Female to Right Angle Male	889D-R4HJDE-x

Note: x corresponds to length in meters (1, 2, 3, 5, 10 standard)

Stainless steel coupling nuts may be ordered by adding an "S" to the bulletin number (e.g. 889DS-F4FC-2)



www.rockwellautomation.com

www.ab.com/sensors

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-BP 3A/B, 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 1774

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