

Product Profile



Pico-Style (M8) Connector Family Expansion Provides Enhanced Solution Set for Space-Limited Applications

Get Connected with Rockwell Automation

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 enhanced and expanded its Pico-style (M8) connector family.

Good Things Come in Small Packages

The compact nature of the Allen-Bradley pico (M8) products makes them ideal for space limited applications. The range of applications is further broadened thanks to a wide variety of connectivity solutions.

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.

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

Y-cables: A single cable with male connector that splits into two female connectors, Y-cables allow connection of two devices to a single I/O device connector.

Splitters: Essentially a Y-cable without the cable, splitters provide the same features as their cable-based counterparts but offer enhanced modularity.

Distribution Boxes: Simplifying and neatening field wiring, distribution boxes integrate multiple female connectors in a molded housing through a single cable.

Receptacles: Ideal for use on enclosures, receptacles are metal connectors with flying leads on one end designed for installation directly onto bulkheads, panels, or field devices.

Field Attachable Connectors: Providing maximum flexibility in connectorization of field wiring, field attachable connectors allow quick and easy customization of cable lengths or wiring on the plant floor.



Features

- Male or female types
- 3- or 4-pin configurations
- Straight or right angle versions
- Thread-on or snap-on style connectors
- Nickel-plated brass Pico (M8) coupling nuts
- IP67 rated for industrial environments
- 4-, 6-, 8-, or 10-port distribution boxes

Benefits

- Compact size provides solutions for space limited applications
- Snap-on style connectors available for fast, simple installation
- Available LED style connectors provide enunciation at the field device
- Durable construction allows use in wide range of environments
- Multiple thru-holes on distribution boxes provide ease of mounting
- Insulation Displacement Connection (IDC) field attachable connectors for virtually tool-free installation
- Patchcords, Y-cables, and splitters provide direct connection of Pico (M8) field devices to DC Micro (M12) distribution boxes or I/O



Bringing Together Leading Brands in Industrial Automation

General Ordering Information for Our Most Popular Products



Pico-style (M8) Cordsets

| Gender | Configuration | Style | Part Number |
|--------|-----------------|-------------|-------------|
| Female | 3-pin, threaded | Straight | 889P-F3AB-x |
| Female | 4-pin, threaded | Straight | 889P-F4AB-x |
| Female | 3-pin, threaded | Right Angle | 889P-R3AB-x |
| Female | 4-pin, threaded | Right Angle | 889P-R4AB-x |

Note: x corresponds to length in meters (2, 5, 10 standard)
PNP or NPN LED and snap-on types also available



Pico-style (M8) Y-Cables and Splitters

| Configuration | Style | Part Number |
|--|----------|-----------------|
| (2) 3-pin Pico Female to (1) 4-pin DC Micro Male | Y-Cable | 879PZ-F3ABDM4-x |
| (2) 3-pin Pico Female to (1) 4-pin DC Micro Male | Splitter | 898P-32YY-DM4 |
| (2) 3-pin Pico Female to (1) 4-pin Pico Male | Splitter | 898P-32YY-PM4 |

Note: x corresponds to length in meters (1, 2, 5, 10 standard)
Right angle, LED, and snap-on types also available



Pico-style (M8) Receptacles

| Gender | Configuration | Style | Part Number |
|--------|---------------|----------|--------------|
| Male | 3-pin | Straight | 888P-M3AB4-x |
| Male | 4-pin | Straight | 888P-M4AB4-x |
| Female | 3-pin | Straight | 888P-F3AB4-x |
| Female | 4-pin | Straight | 888P-F4AB4-x |

Note: x corresponds to length in meters (OM3 = 1ft, 1 = 1m standard)



Pico-style (M8) Patchcords

| Configuration | Style | Part Number |
|--|----------|----------------|
| 3-pin Pico Female to 3-pin Pico Male | Straight | 889P-F3ABPM-x |
| 4-pin Pico Female to 3-pin Pico Male | Straight | 889P-F4ABPM3-x |
| 4-pin Pico Female to 4-pin Pico Male | Straight | 889P-F4ABPM-x |
| 3-pin Pico Female to 4-pin DC Micro Male | Straight | 889P-F3ABDM4-x |
| 4-pin Pico Female to 4-pin DC Micro Male | Straight | 889P-F4ABDM-x |

Note: x corresponds to length in meters (1, 2, 5, 10 standard)
Right angle, LED, and snap-on types also available



Pico-style (M8) Distribution Boxes

| Ports | Configuration | Style | Part Number |
|-------|----------------|------------|----------------|
| 4 | 3-pin, PNP LED | Main Cable | 898P-P34PT-Bx |
| 6 | 3-pin, PNP LED | Main Cable | 898P-P36PT-Bx |
| 8 | 3-pin, PNP LED | Main Cable | 898P-P38PT-Bx |
| 10 | 3-pin, PNP LED | Main Cable | 898P-P310PT-Bx |

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



Pico-style (M8) IDC Field Attachable Connectors

| Gender | Configuration | Style | Part Number |
|--------|---------------|----------|-------------|
| Male | 3-pin | Straight | 889P-M3DC-H |
| Male | 4-pin | Straight | 889P-M4DC-H |
| Female | 3-pin | Straight | 889P-F3DC-H |
| Female | 4-pin | Straight | 889P-F4DC-H |

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