

## Pico Style Quick Disconnect



### Description

Rockwell Automation offers a wide variety of connection products for interfacing field devices to I/O, junction boxes, PLCs, etc. Connection systems products are made of durable materials and are designed to handle rough industrial environments.

Featuring industry standard 3- or 4-pin overmolded connectors, Allen-Bradley pico quick-disconnect cables provide secure connection for proximity sensors, photoelectric sensors and other field devices. Connectors can be straight or right-angled and are physically keyed to prevent wiring mishaps.

Allen-Bradley pico style cabling options include:

- Cordsets: Cable with integral male or female connector at one end and flying leads at the other
- Patchcords: Cable with integral connector at each end (one male, one female)
- Splitters/Y-cables: A single cable with male connector that splits into two female connectors, allowing connection of two devices to a single I/O port

Available with straight or right angle connectors, Allen-Bradley micro quick-disconnect cordsets, patchcords and Y-cables feature a yellow PVC jacket for increased visibility and oil/chemical resistance. PUR cables, cables with snap-on connectors as well as LED versions with power and output status indication are also available.

For bulkhead or panel installation, Allen-Bradley pico receptacles are also offered. These 3- or 4-wire connectors, available in male or female versions, are ideal for use in enclosures. Pico receptacles also allow for custom wiring configurations.

Allen-Bradley passive distribution boxes interface multiple devices to a control system through a single cable. Each pico distribution box features internal-thread female receptacles (4, 6, 8, or 10 depending on model) for quick and easy connection with quick-disconnect mating plugs. All products are LED versions for use with PNP (sourcing) inputs.

Available in male and female versions, terminal chambers, or field attachable connectors are passive field installable connectors for use with raw cable. Allen-Bradley 3- and 4-pin pico style IDC field installable connectors contain insulation displacement connectors for quick and easy assembly of custom QD cables on the plant floor with minimal tools required.

Rockwell Automation is continually expanding its connection system offerings. If our standard catalog does not contain the item that you need, or you have a special application, please contact your distributor or the factory for assistance.

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