

DC Micro 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 4- or 5-pin overmolded connectors, Allen-Bradley DC micro quick-disconnect cables provide secure connection for proximity sensors, limit switches, photoelectric sensors and other field devices. Connectors can be straight or right-angled and are physically keyed to prevent wiring mishaps. Allen-Bradley DC micro 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)
- 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. Some models include braided shielding for noise reduction and LEDs for power and output status indication.

For bulkhead or panel installation, Allen-Bradley DC micro receptacles are also offered. These 3- or 4-wire die-cast connectors, available in male or female versions, are UL recognized and CSA certified. Ideal for use in enclosures, DC micro receptacles also allow for custom wiring configurations.

Allen-Bradley passive distribution boxes interface multiple devices to a control system through a single cable or quick-disconnect pigtail. Each distribution box features internal-thread female receptacles (4, 6 or 8, depending on model) for quick and easy connection with quick-disconnect mating plugs. LED versions are available 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 4- and 5-pin DC micro style terminal chambers contain screw terminals or insulation displacement connectors for quick and easy assembly of custom QD cables on the plant floor. Terminal chambers can be straight or right-angled and are available for various cable diameters.

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.

Styles

Cordsets	page 3–36
Male Cordsets	page 3–45
Patchcords	page 3–46
Splitters	page 3–52
Y-Cables	page 3–55
Receptacles	page 3–57
Distribution Boxes	page 3–59
Terminal Chambers	page 3–63