



Signal, Data, and Power Interconnects

Phoenix Contact offers innovative and complete solutions for wiring a wide variety of industrial devices to allow for seamless integration into industrial control applications. Interconnect products from Phoenix Contact feature fast termination methods with common-sense assembly, and always include areas for marking. Phoenix Contact signal and data-connection solutions meet and exceed industry standards for rugged, reliable device connections. In addition Phoenix Contact offers a wide range of options for any power-connection requirement.

Features ▶

- Various termination methods for I/O
- I/O connectors designed for outside through-wall and inside enclosures
- Industrial-grade data connections for all major networking methods/protocols
- Touch-safe, high-power PCB connections
- Connector housings offered in plastic, metal, or shielded

Benefits ▶

- Labor and space savings during installation
- I/O connections from the device all the way to a PCB
- Common connectors (e.g., RJ 45) can be used on the plant floor now
- Safety when dealing with high-powered electronics
- The right connector solution to match the surrounding installation environment

Applications ▶

- Industrial field wiring
- Connections anywhere, from aggressive environments to “white room” terminations
- Intelligent devices in industrial applications
- Drives, motors, power supplies, converters
- Material handling, food and beverage, conveyors, high-electrical-noise environments, etc.

Product Specifications ▶

Product Series	Type	Wire Management	IP Ratings	Maximum Number of Positions	Connection Types
COMBICON Control	Signal	Wire-to-PCB	IP 20	24	Screw, spring, IDC, crimp
COMBICON I/O		Wire-to-PCB, wire-to-wire	IP 20	16	IDC
PLUSCON Field		Wire-to-wire	IP 65/67/69k	16	Screw, spring, M12, M8, M5
PLUSCON Circular	Signal, power	Wire-to-wire, wire-to-PCB	IP 67	28	Solder, crimp, screw, spring, IDC
PLUSCON Device			IP 65/66/67/68/69k	65	Screw, solder, crimp, FO
PLUSCON Heavy			IP 65/67	216	Screw, spring, crimp, IDC, coax, pneumatics
COMBICON Power	Power	Wire-to-PCB	IP 20	12	Screw, spring
PLUSCON Data	Data		IP 20/40/65/67	44	Screw, spring, IDC, solder, crimp

Related Information ▶

For a complete list of Phoenix Contact, Inc. products contact an Arrow representative at 800-349-4960.

