









ERNI connector solutions for automation.

ERNI

A CONNECTION THAT LASTS. SOLID AND RELIABLE.



SMC

- 1.27 mm pitch
- 12 to 80 contacts
- 1.7 A current-carrying capacity
- Stack heights of 8 to 40 mm



MicroSpeed Power

- 2.0 mm pitch
- Current-carrying capacity up to 18 A per contact
- Extremely robust Blind Mate variants
- Lossless 3-point contact



MicroStac

- 0.8 mm pitch
- High current-carrying capacity up to 2.6 A
- Hermaphroditic connector



MicroSpeed

- 1.0 mm pitch
- Data rate up to 25 Gbit/s
- Shielded design
- For stacked, orthogonal, and coplanar applications



MicroCon

- 0.8 mm pitch
- High current-carrying capacity up to 2.3 A
- 12 to 100 contacts
- Robust Blind Mate design





proportions deviate

DIN 41612

- 2.54 mm pitch
- Highly robust connector system
- High current-carrying capacity up to 2.6 A
- Pin counts from 20 to 160



ERmet

- 2.0 mm pitch
- Data rate up to 2 Gbit/s
- Sequential plugging for hot-swap applications



M8/M12

- SMT variants
- Highly variable assembly kit system
- Featuring contact security and robustness
- Provides ingress protection to IP67





ERmet ZD range

- 2.5 mm pitch
- Data rate up to 25 Gbit/s
- High contact density, 40 differential pairs per inch





Modular Jack

- With and without integrated filter
- Data rate: Fast Ethernet; Gigabit Ethernet
- Single-port and multi-port designs
- Low-profile variants



ERbic

- For PROFIBUS and CAN
- Connectable termination resistor
- Optional PG interface
- Vertical and horizontal cable outlet

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ERNI is an international, family-owned company of Swiss origin, with more than 70 years experience as a leading global manufacturer and service provider. Spanning over 40 countries and state-of-art manufacturing facilities in Europe, North America and in Asia Pacific, ERNI is well positioned to respond to changes quickly in a rapidly growing market with increasingly complex requirements. Today, ERNI International AG, the headquarter located in Switzerland, has over 1,300 employees globally.

ERNI develops and manufactures a wide variety of electronic connectivity solutions for various areas of applications. An emphasis is on connectors for the automotive area and industrial automation. Under extreme conditions, it is especially important for electrical connections to work reliably. ERNI offers a broad range of automotive connectors for headlight systems, battery management systems and power electronics, and other applications such as assistance and security systems. For the automation sector, ERNI presents powerful connector solutions for programmable logic controllers (PLC), remote I/O systems, drives, and other future-oriented industrial applications.

ERNI Americas is Headquartered in the Mid-Atlantic, in Midlothian, VA, a suburb of Richmond. This team supports the sales, marketing, engineering, quality and more to support the needs of the region as well as having a production team to meet the local demands. ERNI Products are sold through a network of trusted distribution partners as well as direct to some customers.

What sets us apart – ERNI Electronics has been making high quality, robust, miniaturized connector solutions for more than 70 years. We take the time to understand our customers and their needs, enabling us to identify the right solution for each application. At ERNI, we know that when we work together, we do achieve more.

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