



INDUSTRIAL ROBOTICS



Robots have been widely adopted in diverse industries, from consumer goods to electronics manufacturing. It has been forecasted that robotics will continue to contribute to operation excellence, and improve factory automation. JAE offers a variety of connectors that can be used for industrial robotics.

Key Products

- KN01
- JL10
- JN1/2
- AX01
- KN06

Key Applications

- Semiconductor manufacturing, equipment, inspection devices and large machines, such as exposure systems, and various industrial automation.
- Office machines, communication devices, measuring equipment, broadcasting tools, gaming and arcade machines.
- Servomotors drives, Converters & Inverters, PLCs

Key Features

- KN01
 - The KN01 Series are light-weight and high-density waterproof rectangular connectors. They are ideal for industrial equipment such as robotics, automated machinery and machine tools.
- JL10
 - The JL10 Series are TÜV approved and UL recognized, one-touch locking, circular, and waterproof connectors for industrial machinery. The one-touch mechanism offers a superior mating and unmating operability that ease the handling process.
- JN1/2
 - The JN1/JN2 Series are waterproof circular connectors with one-touch locking mechanism developed as an interface for industrial devices.
- AX01
 - The AX01 Series are next generation floating board-to-board connectors. It features a highly reliable two-point contact structure and achieving high-speed transmission exceeding 8 Gbps.
- KN06
 - The KN06 Series are developed primarily for large-equipment, such as semiconductor-manufacturing equipment, and industrial equipment requiring high density wiring. It is capable of housing up to six modular insulators and can mate up to 300 combinations in one platform.

