

JAKA Zu® s



JAKA Zu® 3s



JAKA Zu® 7s



JAKA Zu® 12s



JAKA Zu® 18s

Installation

End or/and pedestal



At end



At pedestal

Description

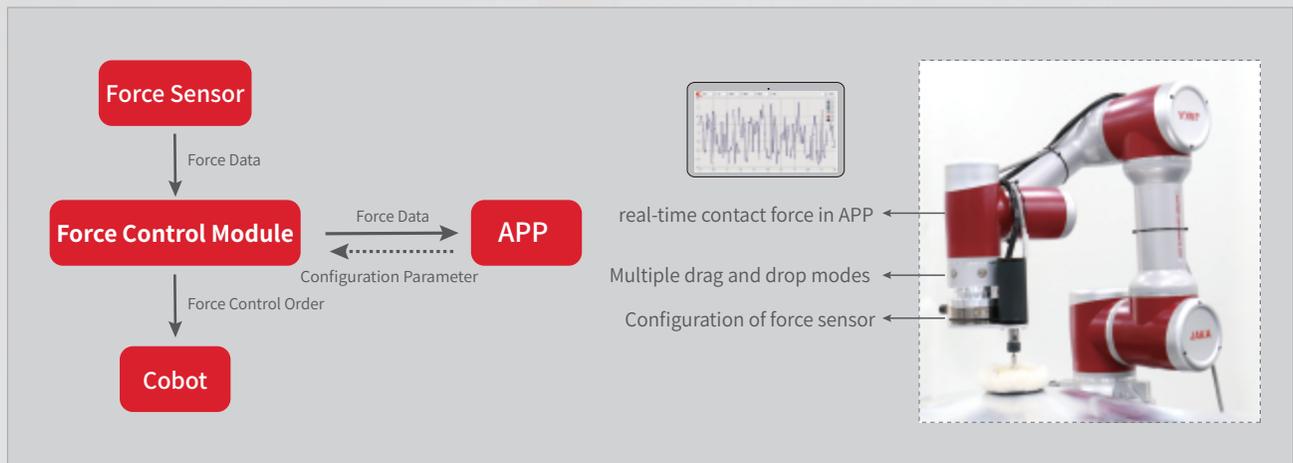
The JAKA Zu® s cobot is equipped with advanced industrial force sensor and integrated with force control algorithms of independent intellectual property rights, so as to improve the perception of cobots and provide better man-machine interaction experience and security guarantee for customers. It provides a variety of force control solutions such as constant force, normal tracking and speed mode to realize full-arm collision detection.

Data Sheet

Hardware Platform	Force Sensor	Full arm collision detection accuracy	10N
Communication interface	TCP/UDP/serial port	Constant force tracking accuracy	1N

Function

- The software display contact force display in
- Set safety contact force and force control parameter
- Constant force control and normal tracking
- Full - arm collision detection



Schematic diagram of force control function

Operation mode

The JAKA Zu® is equipped with force control module, which can set the safe contact force. When the external force is over than the safe value, the cobot will stop immediately; The contact force value is displayed in real time, the control parameters are set according to the application requirements, and the constant force or speed mode is selected in the program.

Application

The JAKA Zu® s can be used in various applications which are requiring high force control, such as assembly, polishing and testing. It is also suitable for medical treatment, entertainment, education and other applications which are required high security of man-machine cooperation.

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