

IAI Corporation

RCS-C-CC Dedicated Controller for Robo Cylinders (Electric Cylinders)

This is a controller designed exclusively for directly connecting the next-generation electric cylinder "Robo Cylinder," which is easy to operate but offers high functionality, to the CC-Link.



Features

- Up to 16 points can be positioned.
- The controller does not use any program but turns ON/OFF signals to operate Robo Cylinders as in the case of the operation of solenoid valves.
- The accuracy of repeated positioning is as high as ± 0.02 mm.
- The controller enables Robo Cylinders to perform pressing (as air cylinders do).
- The running cost of the controller is one-third of that of air cylinders.

Specifications

| Item | Specifications | | |
|--|----------------------------------|-------------------------|------------|
| | RCS-C-CC-0 | RCS-C-CC-1 | RCS-C-CC-2 |
| Form | RCS-C-CC-0 | RCS-C-CC-1 | RCS-C-CC-2 |
| Power supply | 24 V DC | 100 V AC | 200 V AC |
| External Dimensions | 64(W)×158(H)×101(D) | 83.6(W)×194(H)×129.1(D) | |
| Weight | 520 g | 1320 g | |
| Compatible actuators (motor wattage) | 20/30/60 W | 60/100/150 W | |
| Compatible actuators (max. stroke) | 600 mm | 1000 mm | |
| Number of control axes | One axis | | |
| Number of positioning points | 16 points | | |
| Number of stations occupied (station type) | One station (remote I/O station) | | |