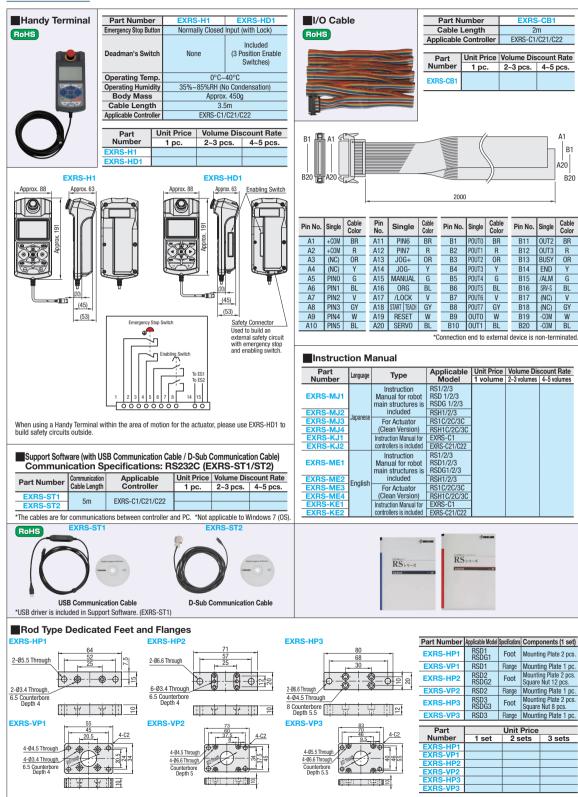
Single Axis Robot Controllers - Options

Maintenance Products

Options

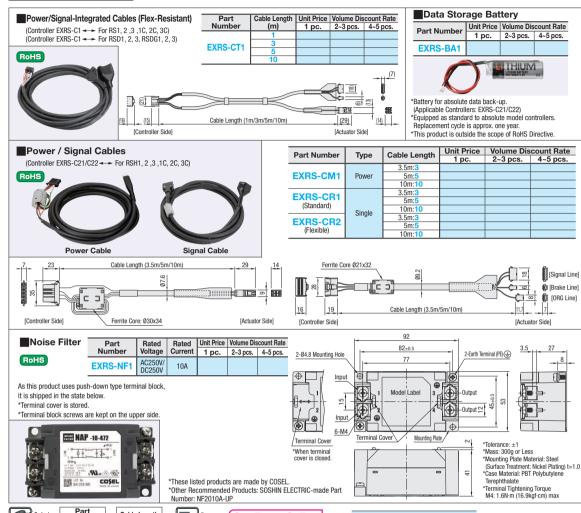






Configure Online

Maintenance Products



Cable Length Optional items can be purchased more economically as Alterations than as single items

Terminology

■ Positioning Repeatability

Variations in stop positions when positioning moves approached in one direction from one starting location are made.

Maximum Load Capacity Maximum load that can be placed on the carriage. A sum of the workpiece and the tooling must not exceed this

Take Allowable Overhang into consideration if the workpiece C.G. is offset from the table center.

Maximum thrust force the slider can generate while not moving. Do not perform push and hold actions with shock loading since that may cause failures.
Additionally, do not exceed 60% of the Static Load Capacity when the push point is offset from the slider's guide

Continuous force that can be generated. For workpiece holding and pushing operations, keep under the Rated Force (approx. 60%). Do not perform shock loading operations even under the Rated Force as that may cause failures. Do not exceed 60% of the Static Load Capacity when the static push point is offset from the slider's guide center

■Rated Running Life

Total running distance where 90% of the Actuators under the same operating condition will reach without failures.

■Allowable Overhang Load

Indicates offset distance of tool/workpiece C.G. to the slider's guide center.

It depends on the workpiece's load weight and lifetime and running distance of more than 10,000km is achieved

when the center of gravity is within allowable overhung. The published values are calculated based on automatically configured acceleration values per given carried mass.

Moment load value applicable on the slider top surface while the actuator is static For dynamic applications, overhang value must be determined with running life into consideration

A difference in position values when positioning moves are made to a specified coordinate from positive direction to

■Rod Non-Rotational Accuracy

Notes on CE Marking

MISUMI Robot Series provide parts to be incorporated into customers' device and equipment. According to EC Directive, it is declared that these are supplied in an incomplete state. Therefore, no CE marks are attached.
Please check for EC Directive compatibility with actuator built-in device or

equipment (finished products). For details, please see the Instruction Manual.

Warranty

Warranty Terms Comply with "Warranty Standards" printed on "Mechanical Standard Components for Factory Automation" catalog.

Warranty Period One year from shipment date or within the first 2400 hours of operation

Contact for Inquiry

MISUMI Corporation FA Standard Assembly Components Division TEL: 03-3647-7300 FAX: 03-3647-7481

FΔO

01 The actuator does not move

1. When activating an actuator using Support Software or Handy Terminal, invalidate Ontion Parameter (80) (Ontion Valid = I/O Terminal Valid Ontion Invalid = I/O Terminal Invalid) Then turn the servo status "ON" and operate the

After the completion of homing, start the operation by turning on "Operation"

Q2. LED light is on. Is there a controller defect?
A2. Blue: PWR (0FF: Control Power Shutoff, Blink: Servo OFF, ON: Servo ON),
Red: ERR (0FF: Control Power Shutoff / No Error Alarm; Blink: Error Alarm On (External Factor); ON: Error Alarm On (Internal Factor))

Q3. Teaching cannot be conducted by via I/O.

A3. To conduct teaching via I/O, the status needs to be ON for MANUAL Input and OFF for Interlock Input. Note that it does not function in the state of incompletion

Q4. Is low-speed operation possible?

A4. Possible, however, 10 to 20% of max. velocity is the limit depending on the