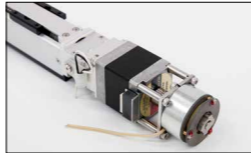


Options for Single axis Actuator

[Solenoid Brake Unit] (Only for Flex series)

If Flex Actuators are operated in vertical position, Ball Screw / Lead Screw may fall down when its power is off. Solenoid Brake Unit is effective to maintain intermediate position.



[Motor side mounting kit] (Only for Flex series)

This kit can shorten the Actuator length with side mounting Motor shown in Photo right. Motor mount, timing pulley, timing belt and set screws are included in this kit. KSS can assemble in accordance with your request.



[Photo-micro sensor] (Only for Flex series)

Sensor accessories for the purpose of putting sensor outside Actuator. Sensor dog, sensor rail, photo sensor, sensor plate and set screws are included in this kit. KSS can assemble in accordance with your request.



[Grease]

KSS original Grease (MSG No.2) is used for KSS Flex Actuator series, except Lead Screw type. This Grease has high lubrication performance without deteriorating Ball Screw smooth movement. It would be useful for Grease maintenance to keep long term operation.



Recommended Driver

KSS provides Standard Stepping Motor Driver and Extension Cable as an option for Single axis Actuators in order to make it easy to use.

[Stepping Motor Driver]

KR-A5CC

This Driver is for 5-phase Stepping Motor operated by DC24V power supply. It has automatic current reduction circuits. You can choose full-step or half step function(page V102).



KR-A55MC

Micro-Step Driver for 5-phase Stepping Motor with DC24V power supply. 16 step angle types can be set with up to 250 divisions(page V103~V104).



SD4015B3

This is recommended 2-phase stepping Motor Driver for 0.25~1.5 A. It has Micro-Step function with 8-step angle(page V107).



SD4030B3

This is recommended 2-phase stepping Motor Driver for 0.5~3.0A. It has Micro-Step function with 8-step angle(page V108).



Extension Cable

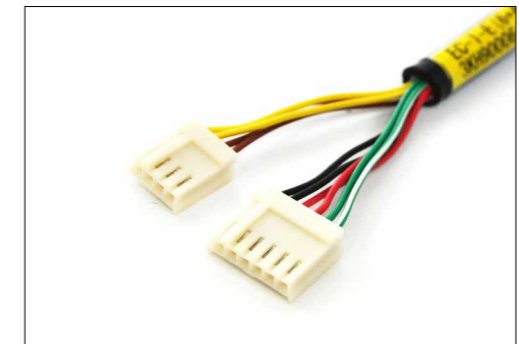
Extension Cable between KSS Single axis Actuators and KSS recommended Stepping Motor Driver. Please designate Cable type, Cable length and Connector type in accordance with the example below. Please note that one side of Extension Cable is cut endge only (no connector).

EC R - 2 - E(6)
① ② ③ ④

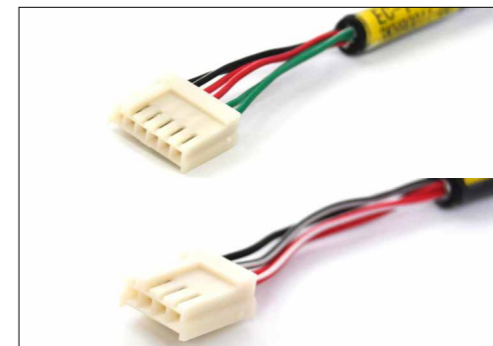
- ①Extension Cable
- ②Cable type
R: Robot cable type
- ③Cable length (m)
- ④Connector type at both end
 - N : No connector (Bare)
 - H : HIROSE RP17
 - E(6) : EI connector 6-pins (for Motor only)
 - E(4) : EI connector 4-pins (for Sensor only)
 - E(6+4) : EI connector 6+4-pins (for Motor & Sensor)



H : HIROSE RP17



E(6+4) : EI connector 6+4-pins
(TE Connectivity)



E(6) : EI connector 6-pins
E(4) : EI connector 4-pins
(TE Connectivity)