

Stepper Motor Cable Assembly

This cable has connectors on both ends and a standard 10' cable. The End at the control box uses a seven pin connector and uses the drain wire as a ground for the cable. It is only grounded at the control box end.

The price for the 10' cable with connectors is \$25.00 each. For lengths over 10' please add \$1.00 per foot.

Cable end that mates with the 7 pin connector at the control box.

The mouser part number for the plug is: 571-2113991

The cable clamp (cover) part number is:571-2069661

Uses Alpha Wire, Four wire with foil and a drain wire.

Mouser part number 602-2424C-500

The color code is:

Pin 1- Red

Pin 2 - White

Pin 3 - Green

Pin 4 - Black

Pin 7 - Drain wire (ground)



Stepper motor cable end Free hanging receptacle end (4 pin)

Mouser part number 571-2061531 (Free hanging receptacle)

Mouser part number 571-20600621 (cable clamp)

The color code is:

P1n 1- Red

Pin 2 - White

Pin 3 - Green

Pin 4 - Black

The drain wire is not used on this end.



Limit Switch Cable Assembly

The limit switch cables consist of two parts. One is the cable from the control box and the other is the connector and a 19" length of four wire (hook-up wire)

The price of the 4' cable and the four pin connector is \$10.00 each.

The price of the four pin connector in the control box with the 19" wire is \$6.00 each.

Limit Switch input connectors

Mouser Part number 571-2060601 (4 pin plug)

Mouser part number 571-20600621 (cable clamp)

The color code is:

Pin 1 - Red

Pin 2 - White

Pin 3 - Green

Pin 4 - Black

The drain wire is not used on this cable.



The mouser part number is: 571-2060611 (4 pin receptacle)

The color code is:

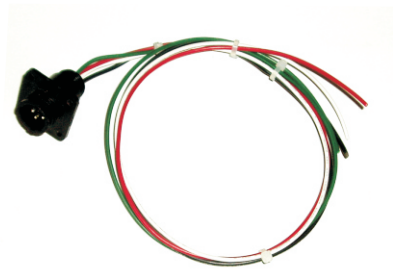
Pin 1 - Red

Pin 2 - White

Pin 3 - Green

Pin 4 - Black

The hook-up wire is 19" long.



If you are using micro switched, you can connect two switches to one cable.

If you are using inductive proximity sensors, you will need one cable per sensor.

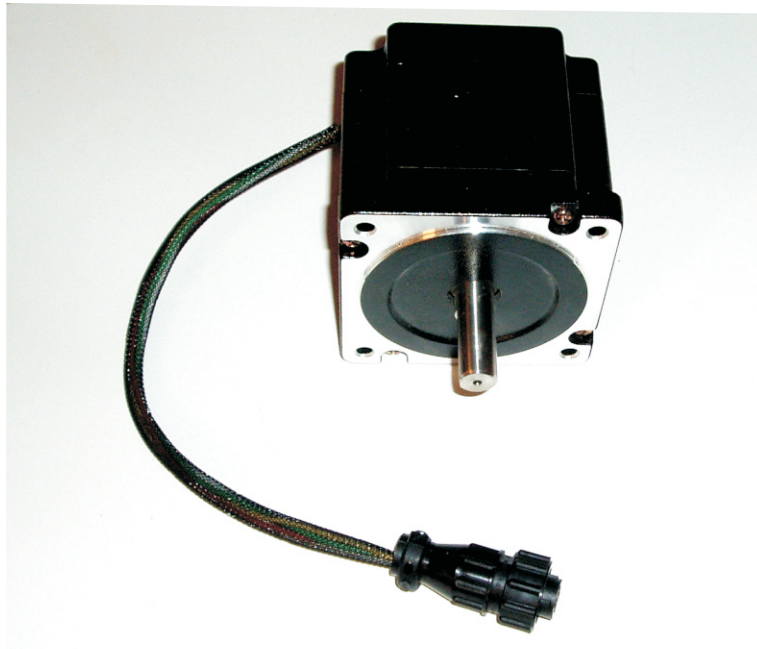
Stepper motor connectors

Stepper motor end 4 pin connector and cable clamp.

Mouser Part number 571-2060601 (4 pin plug)

Mouser part number 571-20600621 (cable clamp)

I will install the connectors free when ordering the stepper motors as part of the enclosure assembly (\$8.00 value).



Pins and Plugs

The pin numbers for the plugs is: 571-665891

The pin numbers for the receptacles is: 571-665891

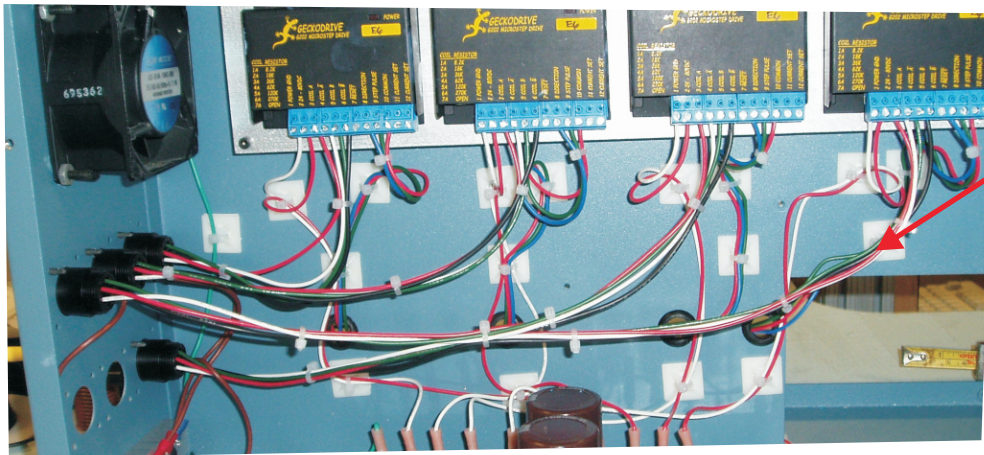
Stepper motor cable inside the control box to the Gecko drives

Stepper motor cable and 7 pin connector assembly.

Price \$8.50 each

The price includes the assembled cable, which includes one 7 pin connector, 5 connector pins and 5 19" lengths of hook-up wire.

This assembly is only needed if you are wiring your own enclosure, but do not want to crimp the pins on the connector.



Stepper motor cable

The picture above shows the output wires from the Gecko drives to the 7 pin connector.

The wires and connector are included in the total wiring price. It is included here for those that want to wire their own enclosure, but do not want to wire the connectors.

Mouser Part number 571-2114011 (7 pin plug)