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Stepper Motor Wiring Diagram

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Stepper Motor Wiring Diagram



by **Matt** » Fri Mar 28, 2003 7:37 pm

Does anyone know the wiring diagram for the Japan Servo Company model KP39HM2 stepper motor? I went to their site but found nothing. It has 2 red, 1 orange, brown, yellow, and black. Any help would be appreciated.

=====
--Matt--
=====

Matt

Posts: 36

Joined: Tue Mar 11, 2003 1:01 am

Location: Bolingbrook, ill. By Chicago

Contact: [...](#)

Re: Stepper Motor Wiring Diagram



by **bwts** » Sat Mar 29, 2003 10:25 am

Hi matt<p>To find the windings on the motor use a continuity test on the wires the continous ones will all be connected to the same winding. I think these ones are 12v R they out of a disk drive? Think Ive got some but havent played with them yet.<p>B)

"Nothing is true, all is permitted" - Hassan i Sabbah

bwts

Posts: 229

Joined: Tue Jun 11, 2002 1:01 am

Location: britain

Contact: [...](#)

Re: Stepper Motor Wiring Diagram



by **Matt** » Sat Mar 29, 2003 1:45 pm

It's out of an old 5 1/4 disk drive. I think that it is 12v.

=====
--Matt--
=====

Matt

Posts: 36

Joined: Tue Mar 11, 2003 1:01 am

Location: Bolingbrook, ill. By Chicago

Contact: [...](#)

by **Droidwerkz** » Fri Jan 11, 2008 8:12 pm

if i remember my terminolgoy, you are using a unipolar stepper (it has 3 field windings, and either 5 or 6 wires) bipolar steppers have 3 or 4 wires (two field windings) the ones with odd numbers share a common on all coils measure the resistance of the wires , once you have found and sorted it into 3 sets of 2 wires with equal resistance, or into 2 or three sets with a common you have found your two or three field windings , now all you need to figure out is the rotational order and you have it , now it's all about control!



Droidwerkz

Posts: 31

Joined: Fri Jan 11, 2008 5:58 pm

Location: Rockford Illinois

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