Re: Rotating Solenoids

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"Sravan" <sravanmx@gmail.com> wrote in message
news:1104402854.580602.182740@c13g2000cwb.googlegroups.com...
> Hey guys, I picked up two rotating solenoids at a surplus store
> recently and I haven't the slightest clue on what voltage to use. I
> googled the Serial Numbers but these solenoids seem to not be very
> common. Should I just try random voltages , do I run the risk of
> damaging the solenoid?

I would advise a slowly increasing voltage, starting from 0.
The solenoid should operate at about 2/3 of its normal
driving voltage. It may be rated only for momentary
actuation, so you should used a pushbutton to keep
from apply continuous current. As long as the device
is not getting too hot to hold in your fingers, you are
not likely to be hurting it.

> Also how can i get a power supply that has variable voltage?

That is often called a lab supply. You buy or build it.
If you have a variac, a bridge and a thumb−sized electrolytic
capacitor of 24V rating, you could lash up something to
apply a variable near−DC voltage to your solenoids, so
long as you take care not to electrocute yourself or blow
up the cap.

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−−Larry Brasfield
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