



Installation Instructions to Mount Limit Switch / NAMUR Mounting Pad and Gemini LS-1 Limit Switch to A500 Series Actuators

2 Otter Court, Raymond, New Hampshire 03077 • Tel. (603) 895-4761 • FAX (603) 895-6785 • www.geminivalve.com

Attachment of Limit Switch / NAMUR Mounting Pad

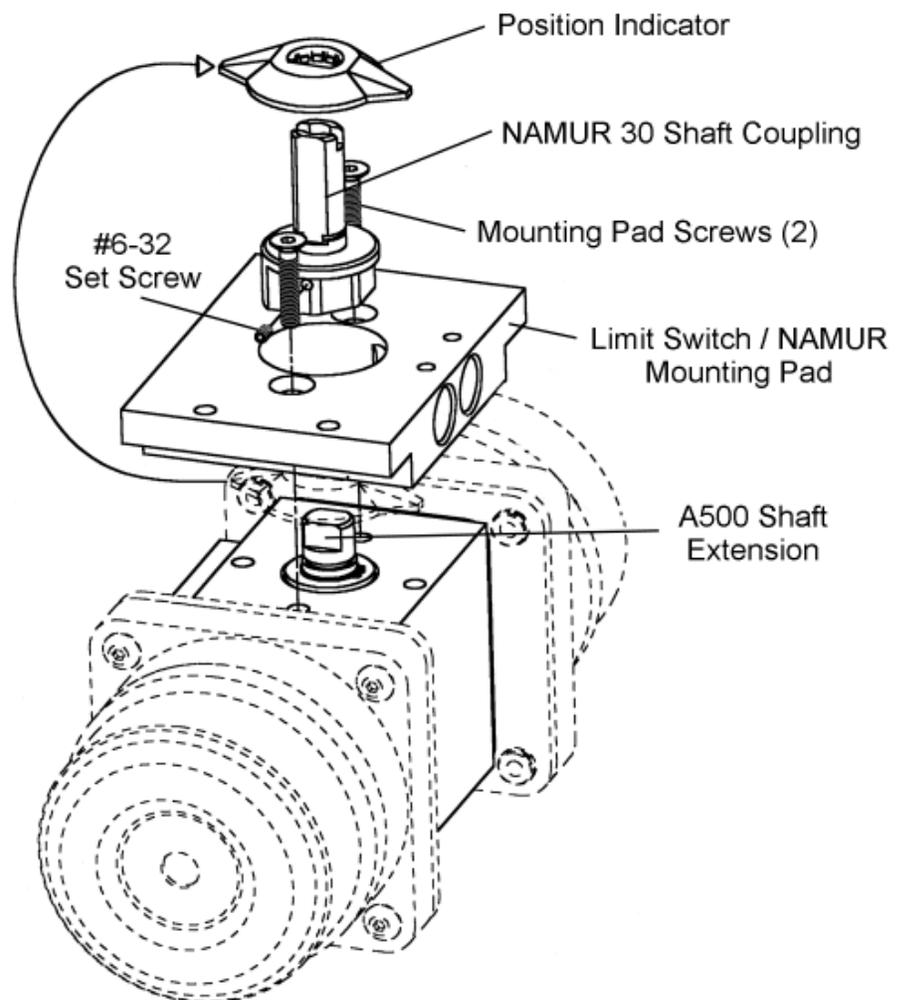
1. Remove the position indicator from atop the actuator and secure the NAMUR 30 Shaft Coupling to the A500 Shaft Extension with the #6-32 Set Screw using a medium strength (nonpermanent) thread locker (not included in mounting kit).

2. Place the Limit Switch / NAMUR Mounting Pad on top of the actuator. Be sure that the lower flats of the NAMUR 30 Shaft Coupling are oriented such that they align with the Limit Switch Mounting holes on the A500 Series Limit Switch / NAMUR Mounting Pad.

3. Fasten the A500 Limit Switch / NAMUR Mounting Pad to the A500 Series actuator using the (2) Mounting Bracket Screws.

4. Slide the position indicator over the NAMUR 30 Shaft Coupling until it 'snaps' into place just above the bracket.

For Mounting of the Gemini LS-1 Limit Switch, see backside of this data sheet for instructions.



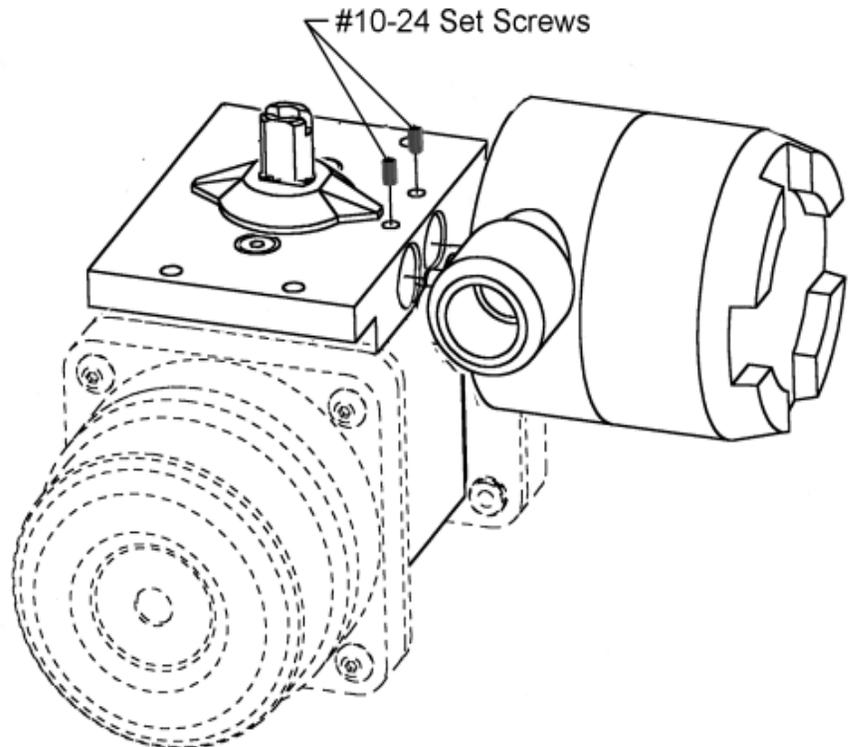
Attachment of Limit Switch

1. Fit the bushings, which extend from the Limit Switch housing, into the matching holes in the mounting pad. Push switch housing against pad and verify that switch body touches pad. Secure switch body to pad with two #10-24 setscrews using a medium strength (nonpermanent) thread locker (not included in mounting kit). **Note:** Hex wrench supplied with Mounting Kit.

The LS-1 Limit Switch will be operable upon completion of

Wiring Instructions

1. Route the wire to be terminated through the conduit hub and up through the access space to the terminal block.
2. Strip insulation back 1/4", insert the stripped ends directly into the proper terminal clamps and tighten screws.
3. Internal interconnections between terminal-block and switches are diagrammed inside the Limit Switch Cover.



Wiring Specifications

Switch Ratings

AC 250 volts; 10 amps
DC 250 volts; 0.25 amps
125 volts; 0.50 amps
Lamp Load 125 volts; 5 amps

Wire Size

#12 AWG Max.
#24 AWG Min.
Field Installed Conductors
Must Have a Temperature
Rating of 60C or 75C

Insulation Stripping Length: 1/4"

Note: If the Switch is installed in a hazardous location i.e. where flammable vapors or dust are present in the atmosphere, replace the cover and tighten securely before connect-

ing the electrical supply circuit. If necessary, a screwdriver shank or similar tool may be engaged in the cover wrenching lugs to assist removal and replacement.