



87 Series NAMUR Solenoid Valve Interface Plate and GP Series Pilot Valve Installation Instructions

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This kit will enable you to affix the GP Series solenoid / pilot valve to your Pneumatic Actuator.

Tools Required; 9/64" Hex (Allen) Wrench, T20 Torx Wrench

Contained in this kit is;

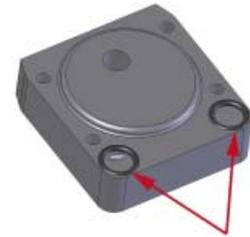
- (1) GP Solenoid Valve with (2) M5x35 Mounting Screws, (2) Block O-ring Seals
- (1) B90133-35-9B NAMUR Interface Plate
- (4) A90137-60-00 Socket Head Cap Screws
- (1) A90126-BU-00 Interface Plate O-ring
- (2) A40023-BU-00 NAMUR 1/8" port O-rings



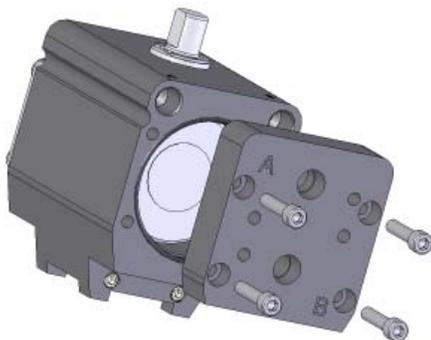
1. With the T20 Torx wrench, remove the 4 screws of the end cap side with the two 1/8" NPT ports. Discard screws and end cap.



2. Remove and discard the o-ring now visible in the end gland. Replace with new A90126-BU-00 o-ring that was supplied with the kit. Wipe a 1" diameter area around each 1/8" NPT ports.



3. Install two A40023-BU-00 o-rings into the glands of the B90133-35-9B NAMUR Interface Plate



4. While making sure all three o-rings remain in place, mount the B90133-35-9B NAMUR Interface Plate onto the actuator body. With the 9/64" hex wrench, torque the four A90137-60-00 Socket Head Cap Screws to 40 in-lbs. Actuator has now been con-

verted to NAMUR style. If there are any air leaks between the interface plate and the body, disassemble interface kit and clean and check for scratches on any area that is in contact with the three o-rings.

5. Continue with installation of the GP Series solenoid valve on the back-side of the this instruction sheet.

4GP Installation Instructions

Installation - Normally Closed
(valve in closed position when
coil is de-energized)

1. Fit the two o-ring seals into the pockets on the underside of the pilot valve body.

2. Install the orientation screw (M5X10) into the hole on the actuator NAMUR mounting pad directly beneath the letter 'A'. Leave 1/16" - 1/8" of the screw protruding above the surface of the end cap.

3. Position the pilot valve so that actuator orientation screw fits into the shallow drilled hole in the GP body.

4. Insert the mounting screws (M5X35) through the mounting holes in the pilot body valve and tighten until secure.

5. Connect the air supply (50 - 125 psi) to the 1/8" NPT inlet port and wire for the voltage marked on the coil.

6. GP coil is usually equipped with a 'DS' DIN x Strain or 'DC' DIN x Conduit electrical connector. To wire the connector, remove the center mounting screw and, with a small screwdriver, pry the inner element from the body of the connector to expose the terminal blocks inside. Route the wire through the hub of the connector. For the 'DS' loosen the sealing nut and ensure the wire insulation passes through the rubber grommet inside the hub. Affix the wires to the appropriate terminal

Installation - Normally Open (valve
in open position when coil is de-
energized)

Following the same instructions for
Normally Closed replacing instruc-
tion 2 below;

2. Install the orientation screw (M5X10) into the hole on the actuator mounting pad directly above the letter 'B'. Leave 1/16" - 1/8" of the screw protruding above the surface of the end cap.

