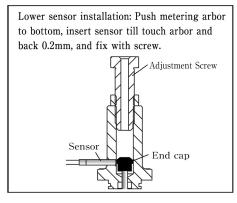
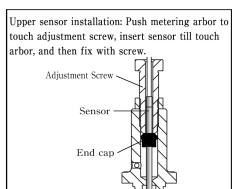
(OPTIONAL ACCESSORIES) DUAL DETECTION

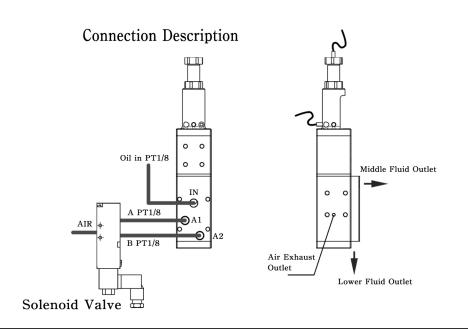
Notices

- (1) Output detection sensor is preferable delay 0.05~0.1 seconds.
- (2) Install dual detection sensor could confirm and alert output and fluid resupply.
- (3) Use only ø4 NPN sensor.

Installation of Sensor



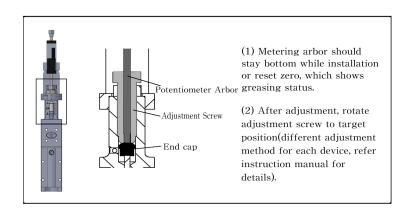




(OPTIONAL ACCESSORIES) POTENTIOMETER PZ-12

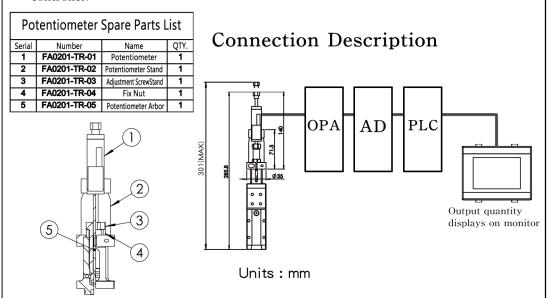
Notices

- (1) With potentiometer, output adjustment could display on monitor.
- (2) If reassembling, install potentiometer only while metering arbor is at output complete status. Confirm potentiometer is correctly position.
- (3) If reassembling, resetting is required.
- (4)For programming setting, refer to official website "Downloads/Application".



Installation of Potentiometer

The connection of potentiometer and PLC require analog-to-digital converter. Covert output signal as 0~10V or 4~20mA signal to PLC or controller.



(OPTIONAL ACCESSORIES) SERVO AUTO OUTPUT ADJUSTMENT SET PZ 26A

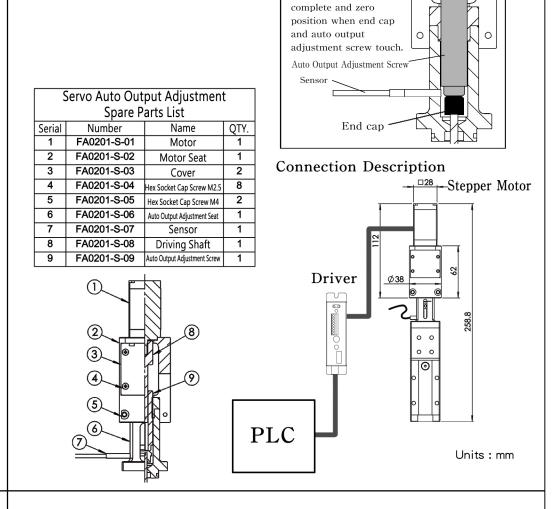
With servo auto output adjustment set, output adjustment could set and reserve in controller, and even could display in interface.

Notices

- (1)End cap should in the bottom before output setting (see figure 1).
- (2)For installation and setting, refer to manual attached with motor or official website "Downloads/Application".
- (3) To keep output accuracy, it is suggested to zero position (see figure 1) when repower.
- (4) Function of sensor includes output detection, resupply detection, and zero position of adjustment screw detection.

Figure 1

It presents output



Metering Valve Instruction Manual

- A. Output Range: 0.05cc~1cc with accuracy 1%~2%
- B. Applicable Fluid: Oil, grease, and #00~#3 semisolid lubricant.
- CAUTIONS! Do not use in corrosive or volatile lubricant or alcohols, cleaning naphtha, asphalt, particles, glue, or resin.
- CAUTIONS! Use two fluid outlets together is prohibited. Choose only one outlets between these two to avoid uneven output.

C. Notices

- (1) Familiarize application scope and maintenance before operation.
- (2) Firmly fix metering valve to avoid broken. (N.W.: 1.2 kg)
- (3) Suggested air supply is 4.5 kg/cm2~6 kg/cm2.
- (4) Suggested fluid pressure is 6 kg/cm2-30kg/cm2 for fluid and 15 kg/cm2-120 kg/cm2 for #2 or #3 lubricant .
- (5) Suitable temperature: -10° C and 50° C.
- (6) For first time application, supply lubricant to expel air to guarantee accuracy.
- (7) Output adjustment: Loosen fix nut and rotate adjustment screw to alter output. Anti-clockwise rotate to increase output; clockwise rotate to reduce output. Lock fix nut after adjustment.
- (8) In line lubricating application, lower supply pressure and movement speed.
- (9) In spot lubricating application, increase supply pressure.
- (10) Confirm assembly direction if recover from disassembly (see figure 1).
- (11) For metering valve life and output accuracy, pipe length should be limited. It is suggested not exceed 30 cm. Suggested pipe hardness is over nylon pipe to reduce residual pressure.
- (12) Each scale of adjustment seat is 0.1 cc. The scale is for reference. Actual output should test.

