

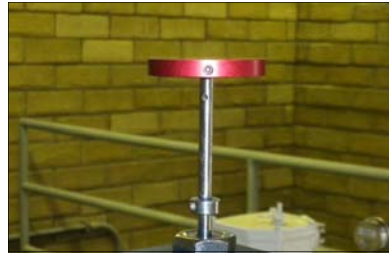
# AccuPos

Valve Position Sensor

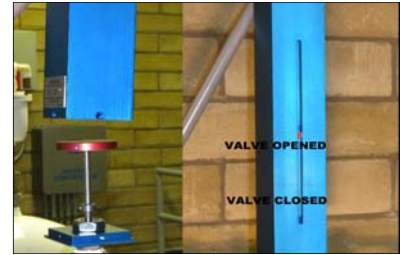
## AP001-01 Installation Instructions



**Step 1**— Install base piece onto valve. Make sure to order appropriate base for your valve type.

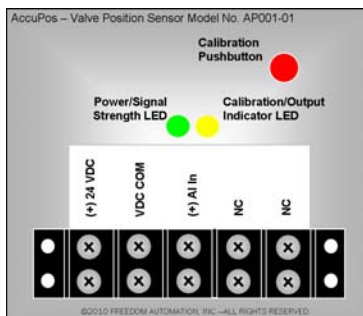


**Step 2**— Install target piece on valve stem and tighten set screw with 3/32 hex tool .



**Step 3**— Install main body and tighten 4 bolts around base assembly with 1/8 hex tool.

With valve fully closed or fully open continue to Step 3. The valve should be in either of these position for proper calibration



**Step 4**— Proceed with wiring in 24 VDC, 24 VDC Common, and your analog input cable going to the PLC.

### Calibration of the AccuPos Valve Position Sensor

Unit is always in “Calibration Mode”.

Target Position	LED	Pushbutton	Accepted?
Valve Full Closed	ON GREEN	Click Once	LED Flashing RED
Valve Full Opened	ON GREEN	Click Once	YELLOW or OFF

### AccuPos Valve Position Sensor Calibration Notes:

- When valve fully closed limit is set, the unit will stay in “Calibrate” mode until the valve fully open limit is set
- The unit may be calibrated to measure the position in either direction. Simply start with valve fully open.
- Feel free to call our technical support for any issues.

**Freedom Automation, Inc.**

*“Providing simple solutions to today’s complex problems”*

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