



PVE Control Head

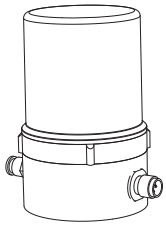
Mounting Instructions

Content

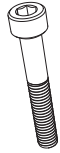
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PVE 0 - NO

Parts List



Control head
x1



M6X40mm
x2



o-ring 2X60
x1



Magnet switch
actuator rod
x1



Swivel 90 Deg. Elbow
adaptor 6XG1/8BSPP
x1

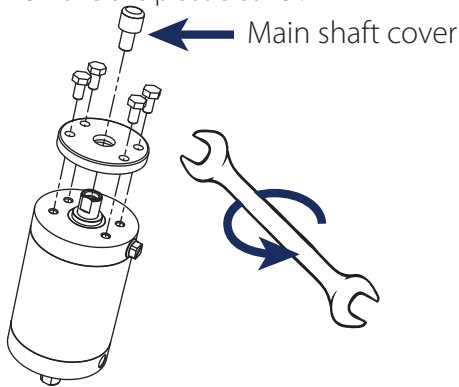


Pressure air
line
x1

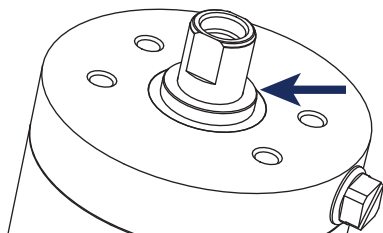


Swivel 90 Deg. Elbow
adaptor 6XR1/8BSPT
x1

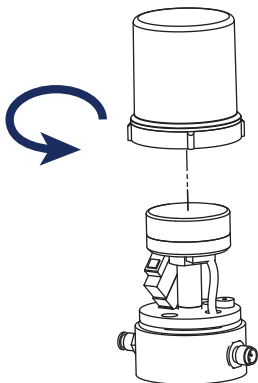
1. Unscrew main shaft cover (manually) and four M6 screws (with 10 mm wrench) of the actuator's plastic cover (control head side). Remove the plastic cover.



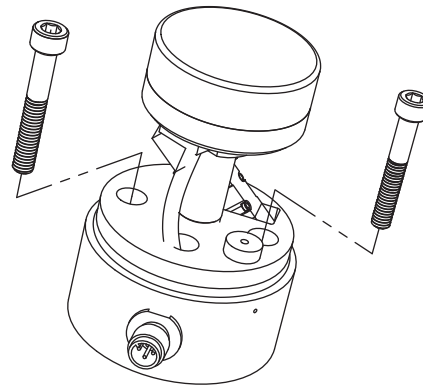
2. Insure that the plastic bushing step is forwarding the control head side.



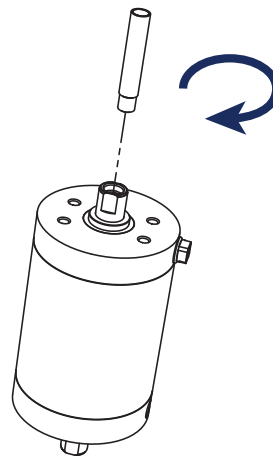
3. Unscrew manually plastic cover of control head.



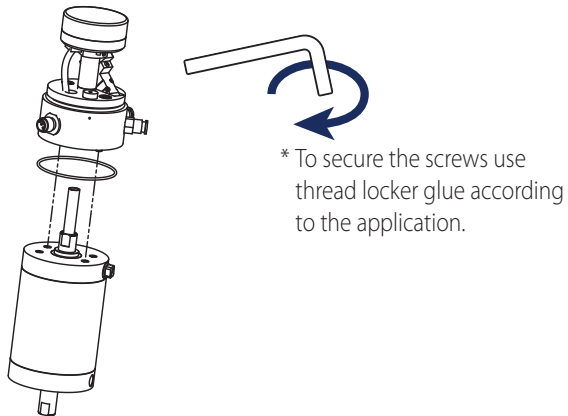
4. Insert M6 screws in control head holes.



5. Screw down manually the magnet switch actuator stem to the actuator rod.

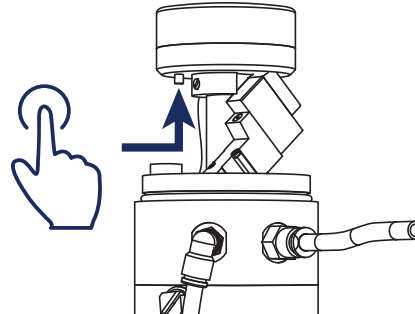


- 6.** Connect the control head to the actuator: Screw down the two M6 screws (with Hex key #5. Closure torque $T=2.0$ [Nm]) through the actuator, ensure O-ring 2x60 is in slot between control head and actuator.
See configuration on section #10.

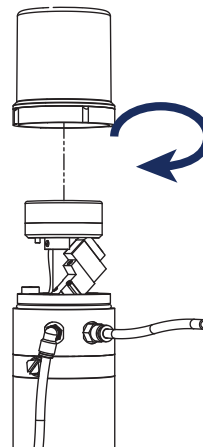


- 7.** Connect air connections and electrical connection according to configuration on section #10

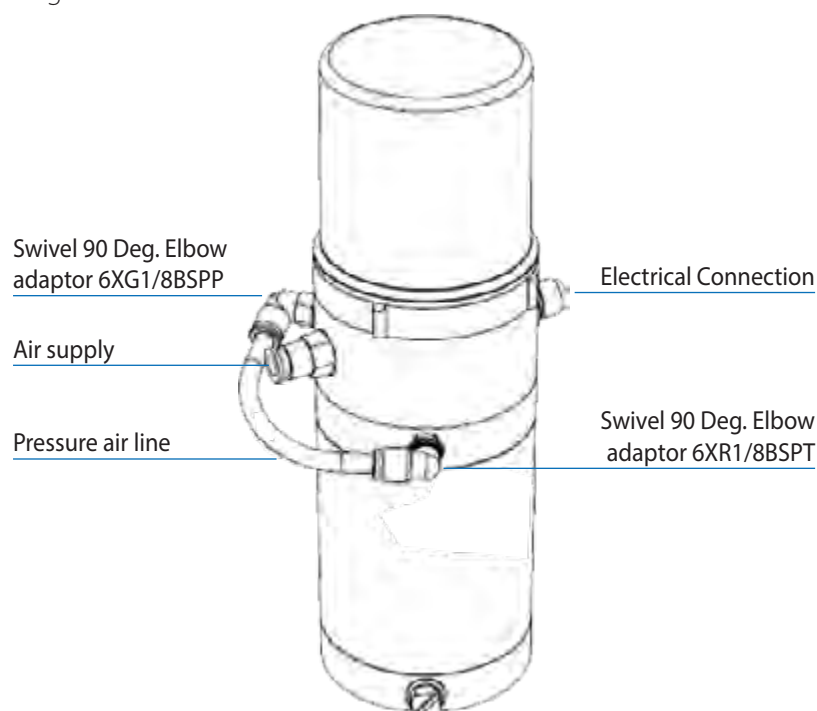
- 8.** Press control head calibration button for 3 second, until the control head will start automatic calibration procedure.



- 9.** Screw down manually the plastic cover of control head.

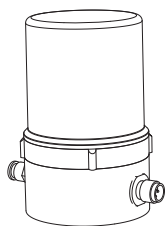


10. Connecting configurations

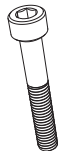


PVE 0 - NC

Parts List



Control head
x1



M6X40mm
x2



o-ring 2X60
x1



Magnet switch
actuator rod
x1



Swivel 90 Deg. Elbow
adaptor 6XG1/8BSPP
x1

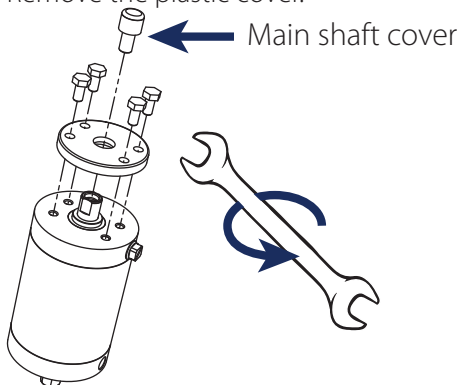


Pressure air
line
x1

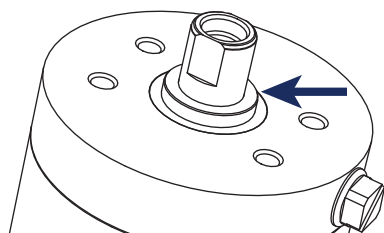


Swivel 90 Deg. Elbow
adaptor 6XR1/8BSPT
x1

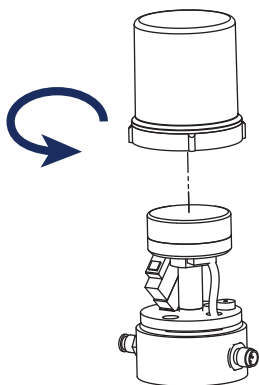
1. Unscrew main shaft cover (manually) and four M6 screws (with 10 mm wrench) of the actuator's plastic cover (control head side). Remove the plastic cover.



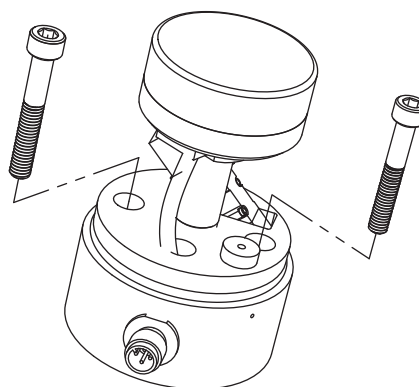
2. Insure that the plastic bushing step is forwarding the control head side.



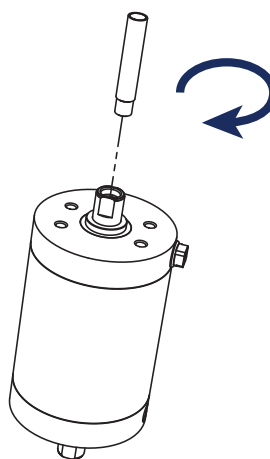
3. Unscrew manually plastic cover of control head.



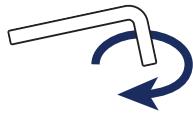
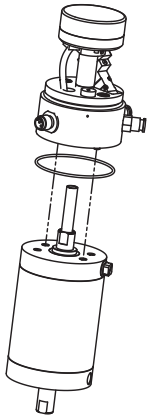
4. Insert M6 screws in control head holes.



5. Screw down manually the magnet switch actuator stem to the actuator rod.



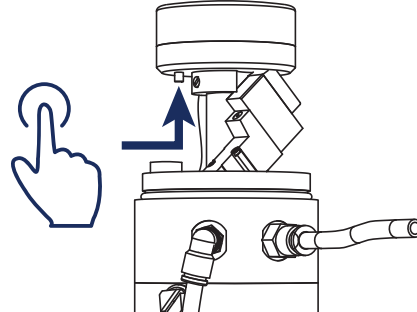
- 6.** Connect the control head to the actuator : Screw down the two M6 screws (with Hex key #5. Closure torque $T=2.0$ [Nm]) through the actuator, ensure O-ring 2x60 is in slot between control head and actuator.
See configuration on section #10.



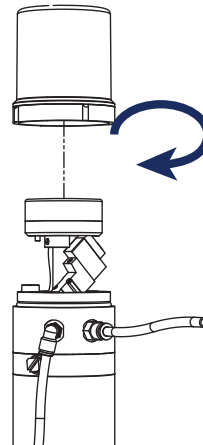
* To secure the screws use thread locker glue according to the application.

- 7.** Connect air connections and electrical connection according to configuration on section #10

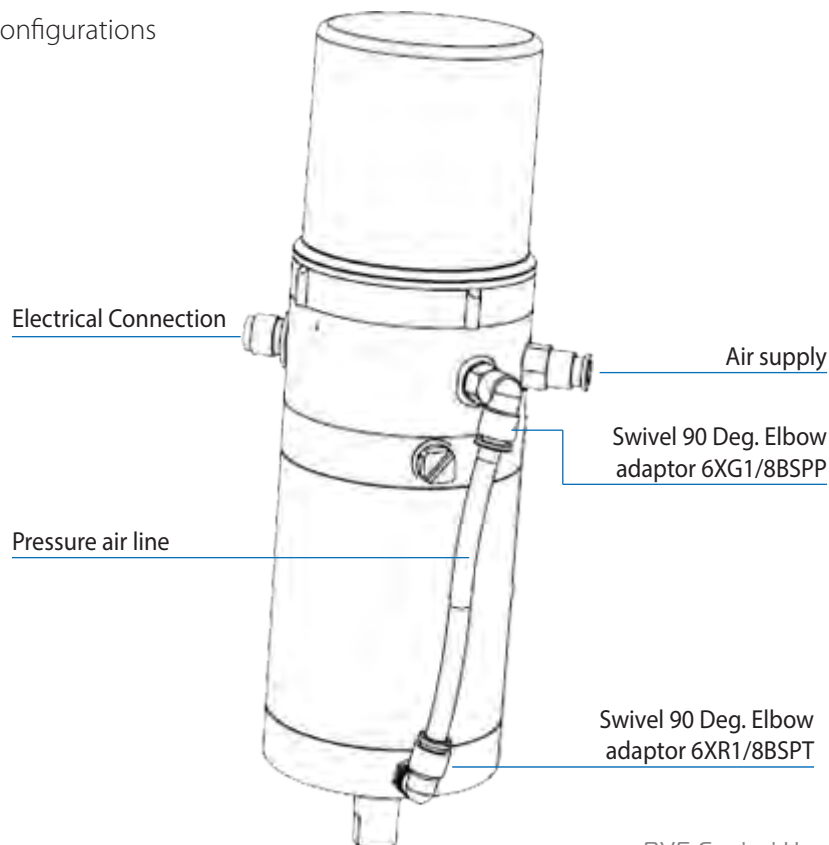
- 8.** Press control head calibration button for 3 second, until the control head will start automatic calibration procedure.



- 9.** Screw down manually the plastic cover of control head.

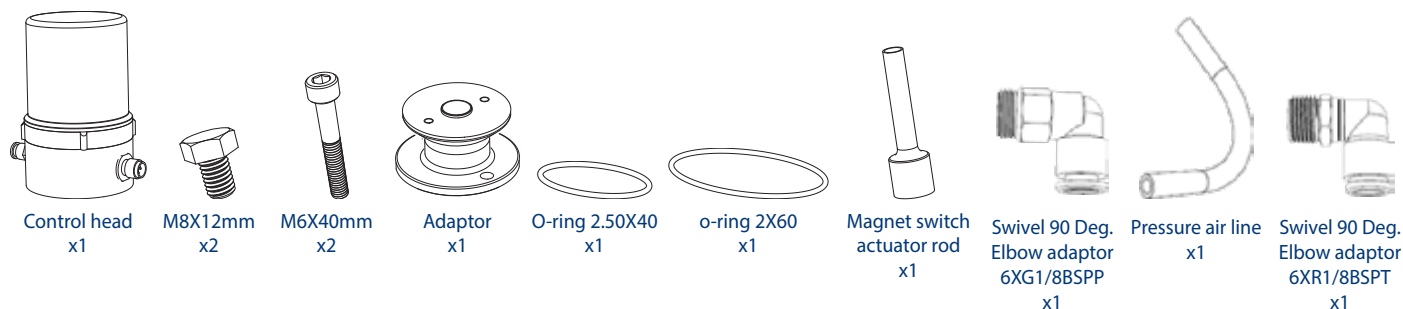


10. Connecting configurations

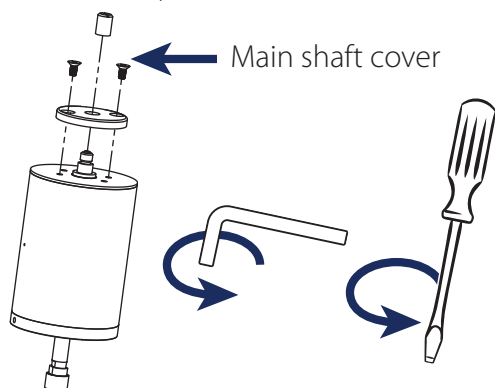


PVE 1 - NO

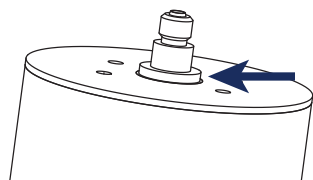
Parts List



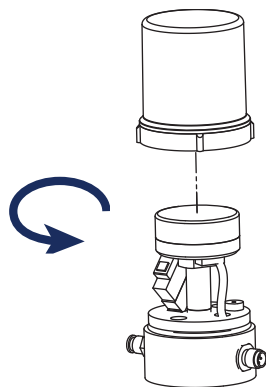
1. Unscrew main shaft cover (with slot screwdriver) and two flat head M8 screws (with Hex key #5) of the actuator's plastic cover (control head side). Remove the plastic cover



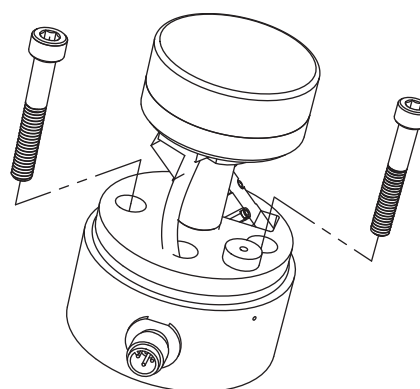
2. Insure that the plastic bushing step is forwarding the control head side.



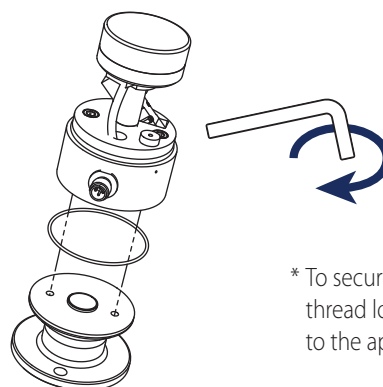
3. Unscrew manually plastic cover of control head.



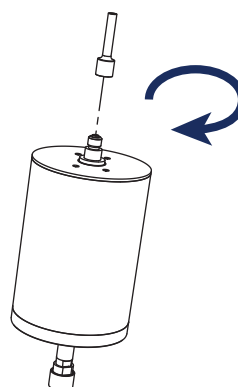
4. Insert M6 screws in control head holes.



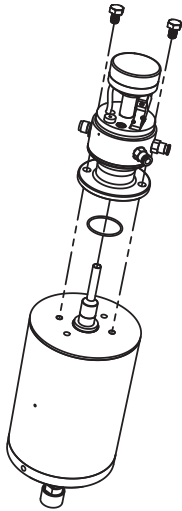
5. Screw down the two M6 screws (with Hex key #5. Closure torque $T=2.0$ [Nm] max.) through the adaptor, ensure O-ring 2x60 is in slot between control head and adaptor.



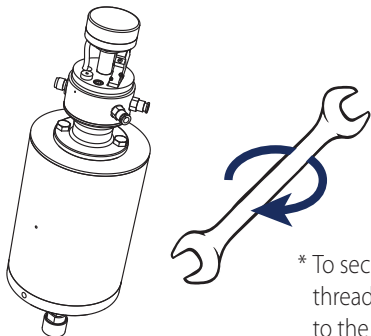
6. Screw down manually the magnet switch actuator rod to the actuator rod.



- 7.** Connect control head adaptor to the actuator with two M8 screws. Ensure O-ring 1.78x34.65 is in slot between adaptor and actuator. See configuration on section #12.

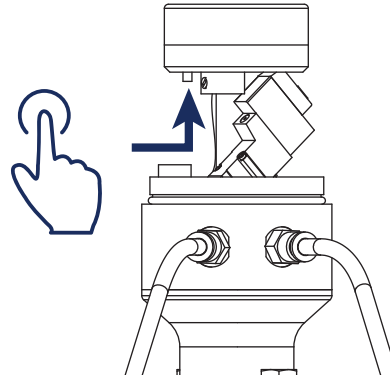


- 8.** Close the M8 screws with 13 mm Wrench Closure torque $T=4.5$ [Nm].

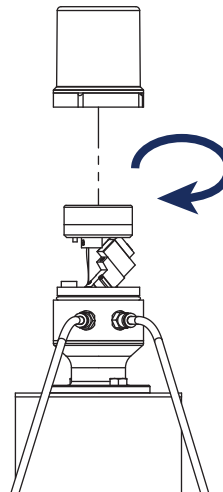


* To secure the screws use thread locker glue according to the application.

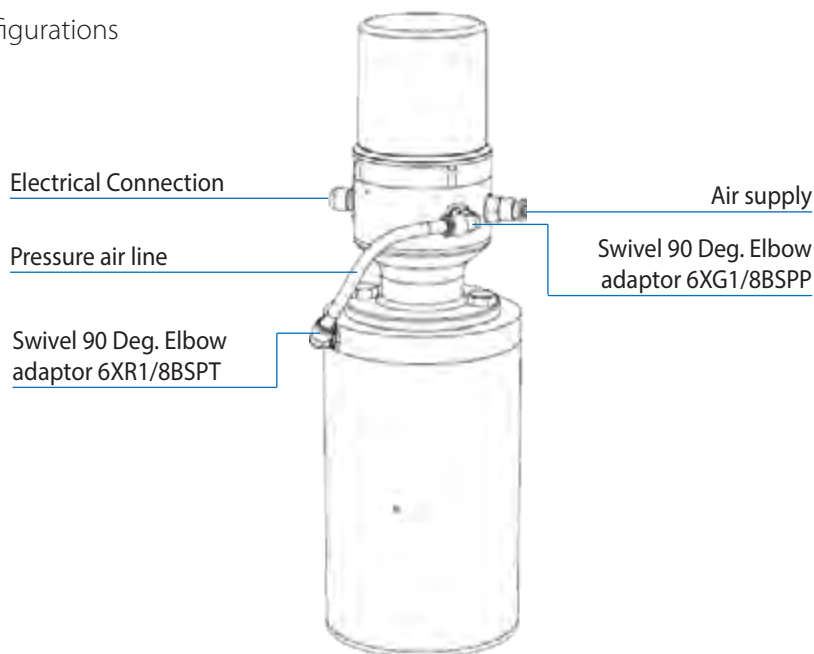
- 9.** Connect air connections and electrical connection according to configuration on section #12.
- 10.** Press control head calibration button for 3 second, until the Control Head will start automatic calibration procedure.



- 11.** Screw down manually the plastic cover of control head.

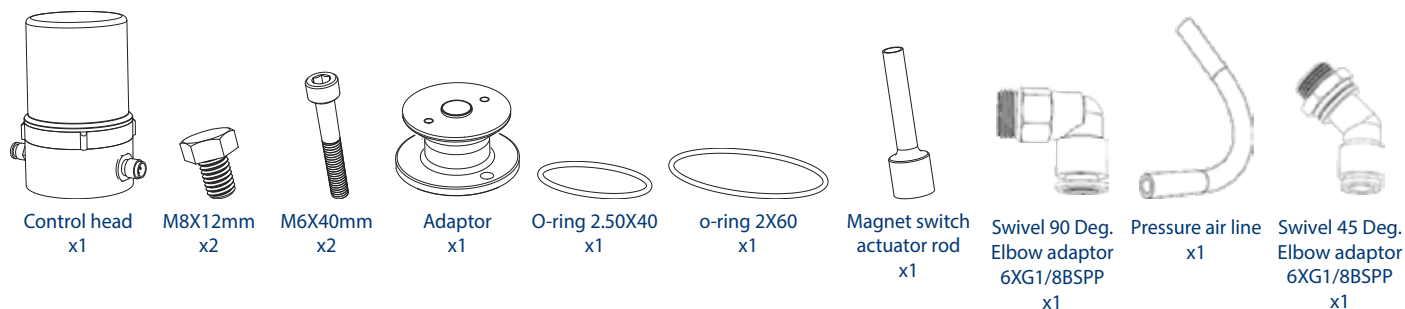


12. Connecting configurations

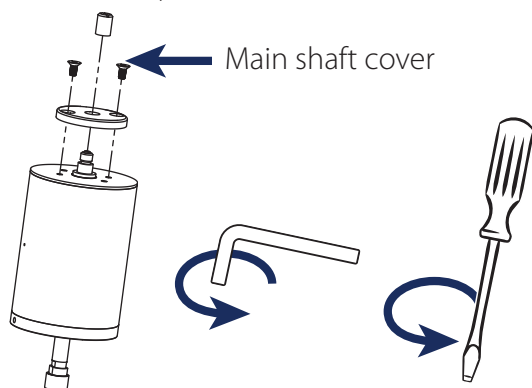


PVE 1 - NC

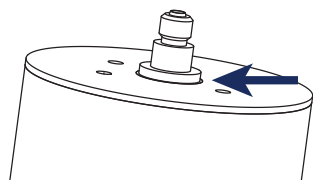
Parts List



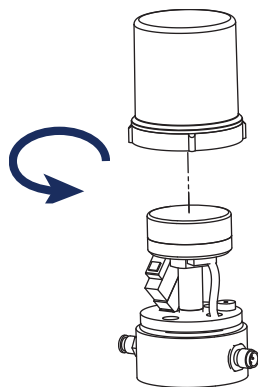
1. Unscrew main shaft cover (with slot screwdriver) and two flat head M8 screws (with Hex key #5) of the actuator's plastic cover (control head side). Remove the plastic cover



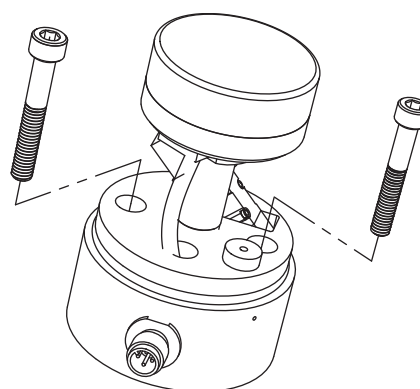
2. Insure that the plastic bushing step is forwarding the control head side.



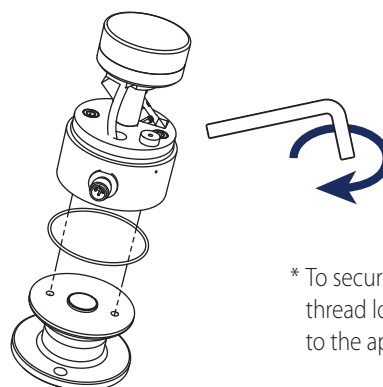
3. Unscrew manually plastic cover of control head.



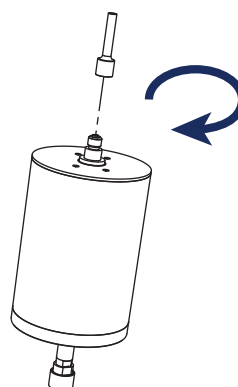
4. Insert M6 screws in control head holes.



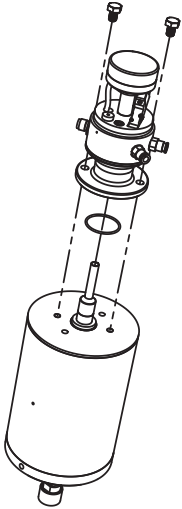
5. Screw down the two M6 screws (with Hex key #5. Closure torque $T=2.0$ [Nm] max.) through the adaptor, ensure O-ring 2x60 is in slot between control head and adaptor.



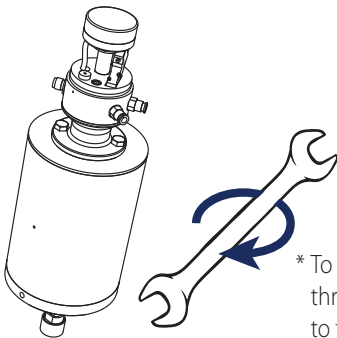
6. Screw down manually the magnet switch actuator rod to the actuator rod.



- 7.** Connect control head adaptor to the actuator with two M8 screws. Ensure O-ring 1.78x34.65 is in slot between adaptor and actuator. See configuration on section #12.

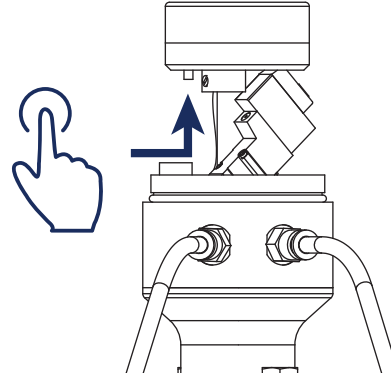


- 8.** Close the M8 screws with 13 mm Wrench Closure torque $T=4.5$ [Nm].

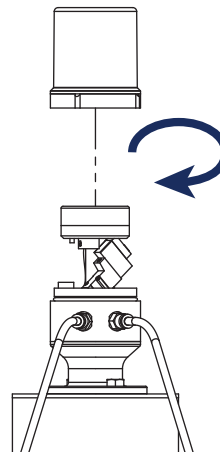


* To secure the screws use thread locker glue according to the application.

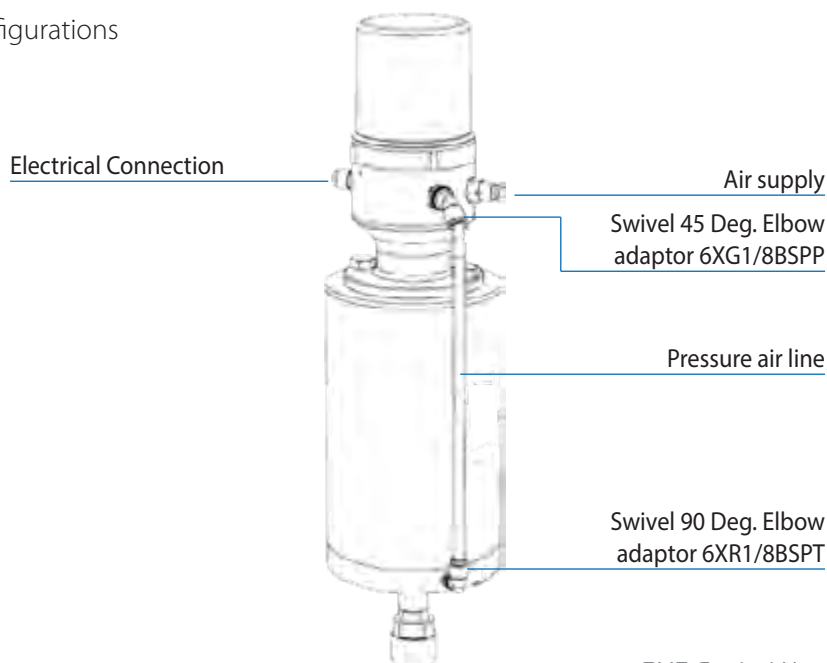
- 9.** Connect air connections and electrical connection according to configuration on section #12.
- 10.** Press control head calibration button for 3 second, until the Control Head will start automatic calibration procedure.



- 11.** Screw down manually the plastic cover of control head.

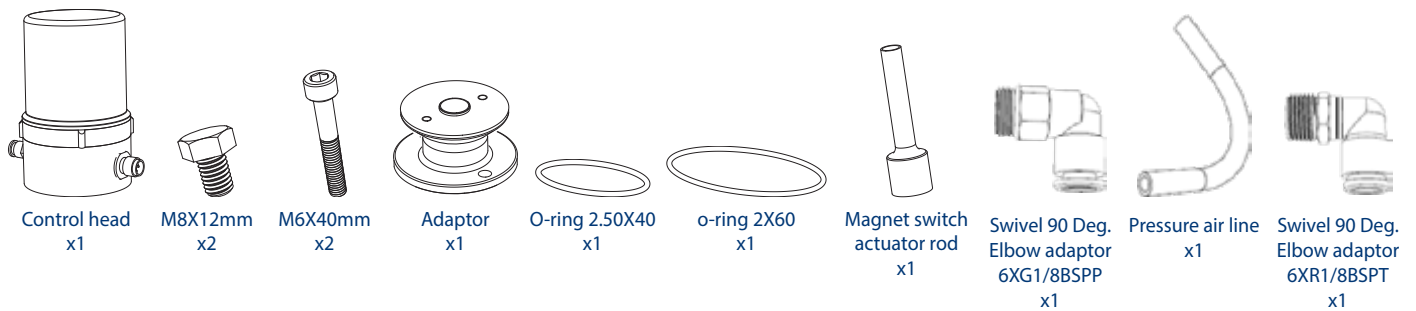


12. Connecting configurations

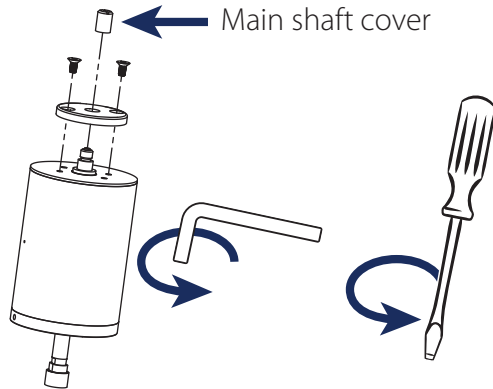


PVE 2 - NO

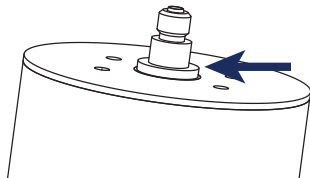
Parts List



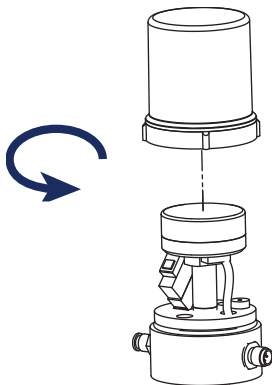
1. Unscrew main shaft cover (with slot screwdriver) and two flat head M8 screws (with Hex key #5) of the actuator's plastic cover (control head side). Remove the plastic cover



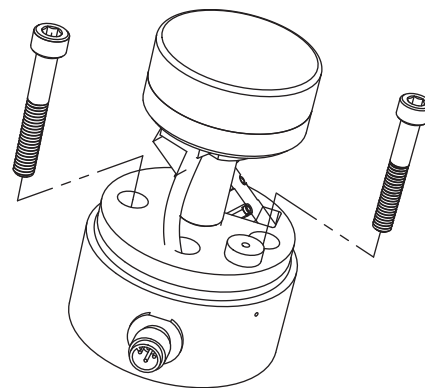
2. Insure that the plastic bushing step is forwarding the control head side.



3. Unscrew manually plastic cover of control head.



4. Insert M6 screws in control head holes.

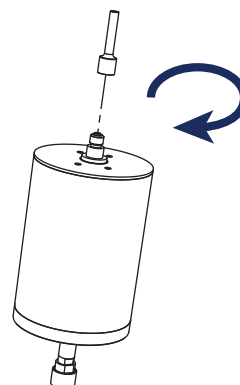


5. Screw down the two M6 screws (with Hex key #5. Closure torque $T=2.0$ [Nm] max.) through the adaptor, ensure O-ring 2x60 is in slot between control head and adaptor.

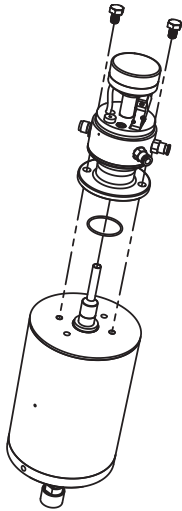


* To secure the screws use thread locker glue according to the application.

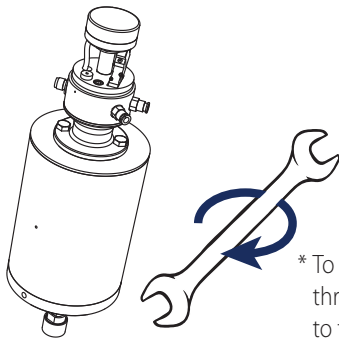
6. Screw down manually the magnet switch actuator rod to the actuator rod.



- 7.** Connect control head adaptor to the actuator with two M8 screws. Ensure O-ring 1.78x34.65 is in slot between adaptor and actuator. See configuration on section #12.

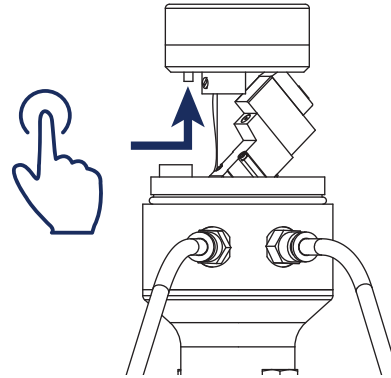


- 8.** Close the M8 screws with 13 mm Wrench Closure torque $T=4.5$ [Nm].

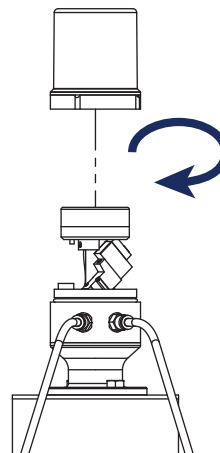


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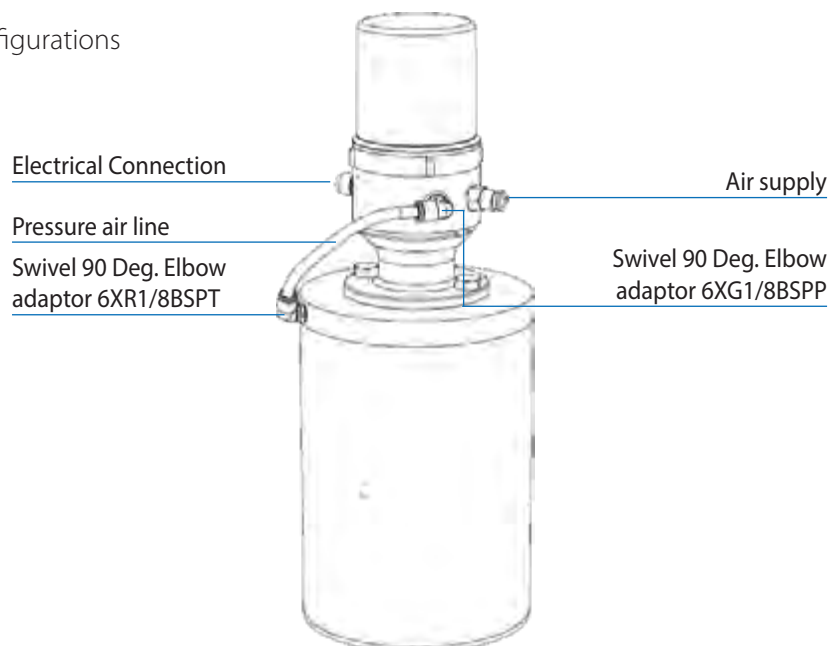
- 9.** Connect air connections and electrical connection according to configuration on section #12.
- 10.** Press control head calibration button for 3 second, until the Control Head will start automatic calibration procedure.



- 11.** Screw down manually the plastic cover of control head.

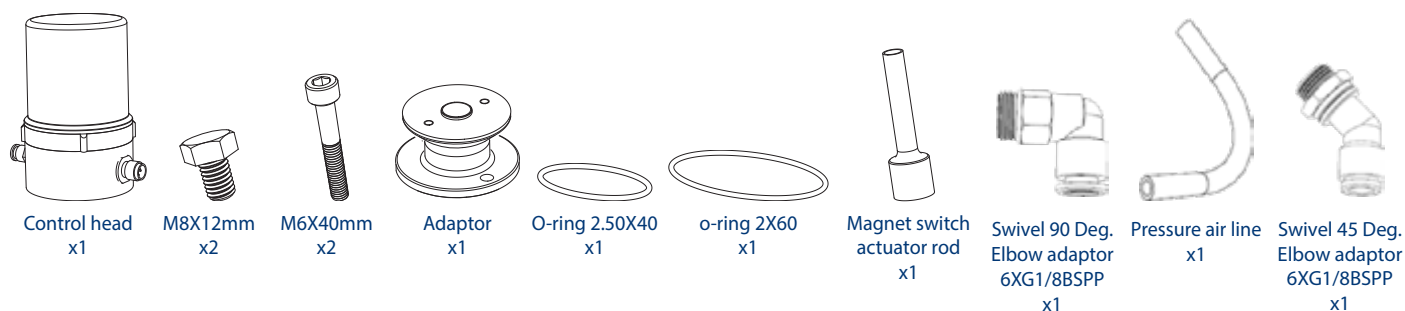


12. Connecting configurations

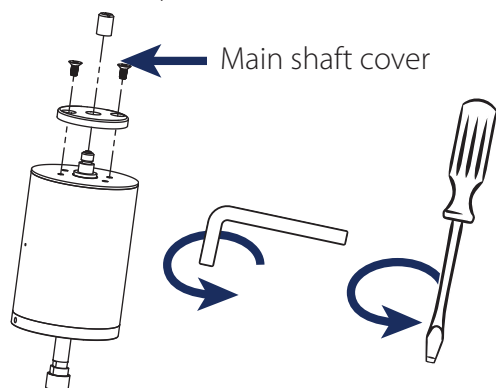


PVE 2 - NC

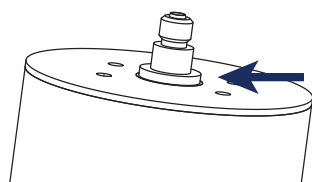
Parts List



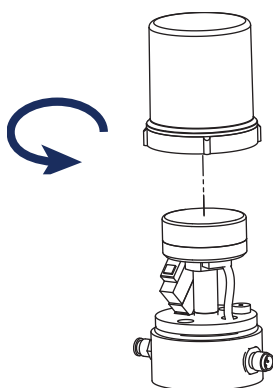
1. Unscrew main shaft cover (with slot screwdriver) and two flat head M8 screws (with Hex key #5) of the actuator's plastic cover (control head side). Remove the plastic cover



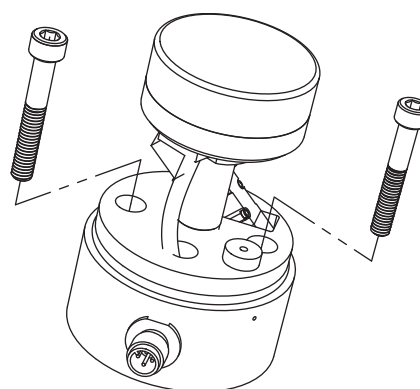
2. Insure that the plastic bushing step is forwarding the control head side.



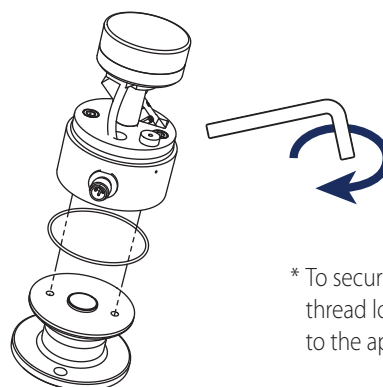
3. Unscrew manually plastic cover of control head.



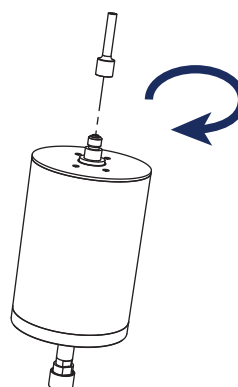
4. Insert M6 screws in control head holes.



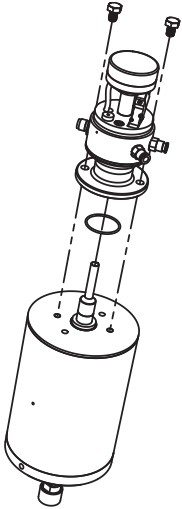
5. Screw down the two M6 screws (with Hex key #5. Closure torque $T=2.0$ [Nm] max.) through the adaptor, ensure O-ring 2x60 is in slot between control head and adaptor.



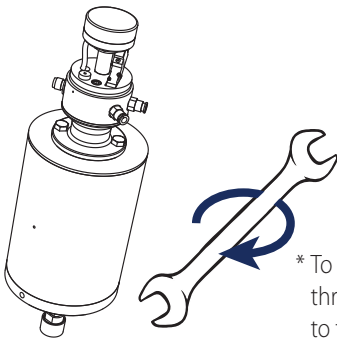
6. Screw down manually the magnet switch actuator rod to the actuator rod.



- 7.** Connect control head adaptor to the actuator with two M8 screws. Ensure O-ring 1.78x34.65 is in slot between adaptor and actuator. See configuration on section #12.

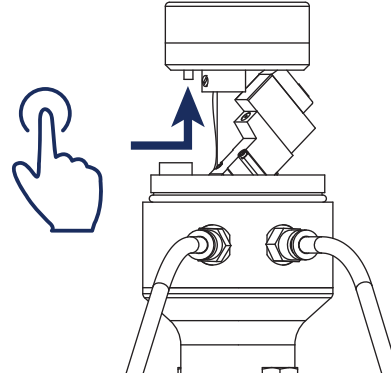


- 8.** Close the M8 screws with 13 mm Wrench Closure torque $T=4.5$ [Nm].

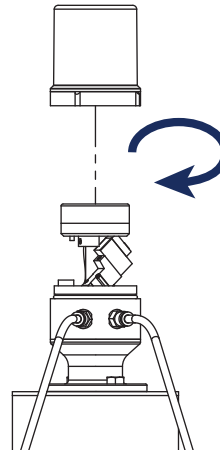


* To secure the screws use thread locker glue according to the application.

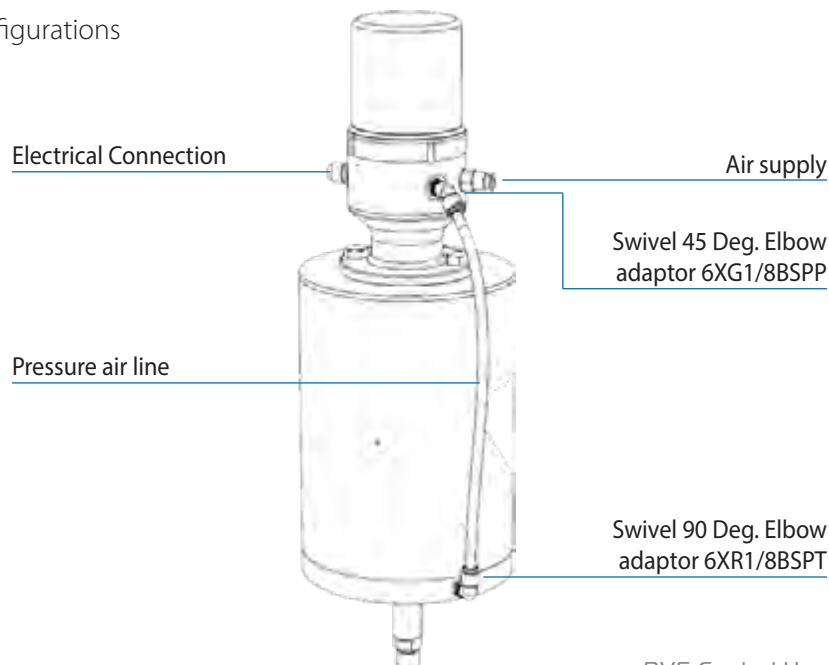
- 9.** Connect air connections and electrical connection according to configuration on section #12.
- 10.** Press control head calibration button for 3 second, until the Control Head will start automatic calibration procedure.



- 11.** Screw down manually the plastic cover of control head.

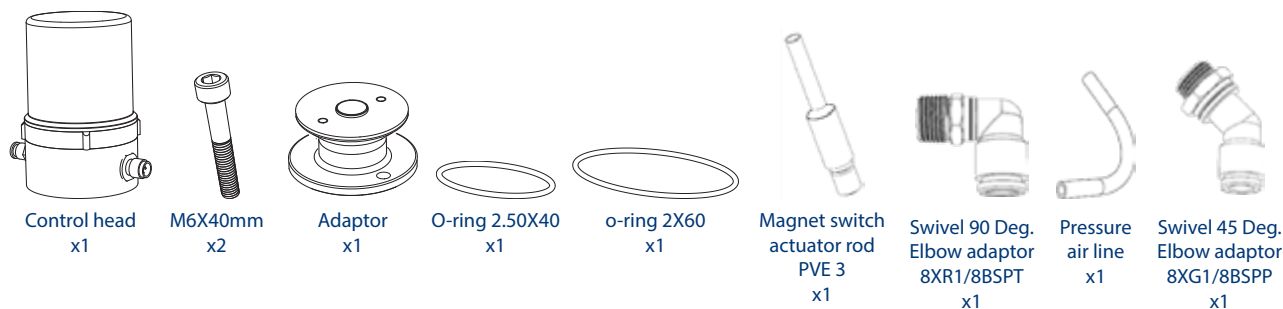


12. Connecting configurations

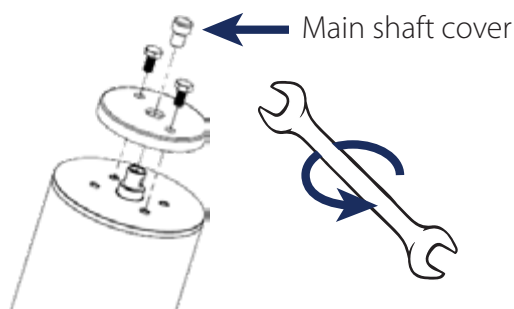


PVE 3 - NO

Parts List



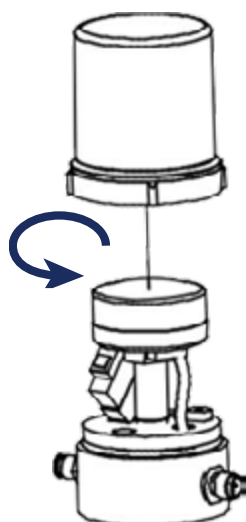
1. Unscrew main shaft cover manually and two M10 screws of the actuator's plastic cover with 17 mm wrench (control head side). Remove the plastic cover



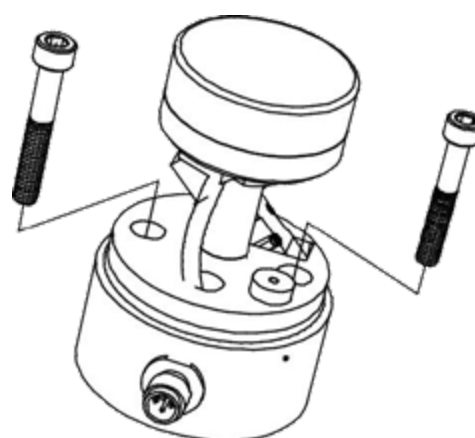
2. Insure that the plastic bushing step is forwarding the control head side.



3. Unscrew manually plastic cover of control head.



4. Insert M6 screws in control head holes.

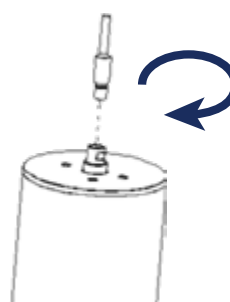


5. Screw down the two M6 screws (with Hex key #5. Closure torque $T=2.0$ [Nm] max.) through the adaptor, ensure O-ring 2x60 is in slot between control head and adaptor.



* To secure the screws use thread locker glue according to the application.

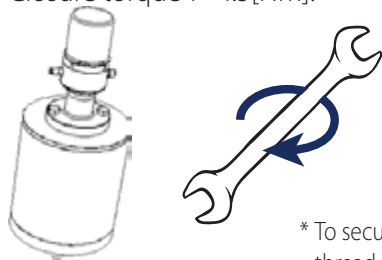
6. Screw down manually the magnet switch actuator rod to the actuator rod.



- 7.** Connect control head adaptor to the actuator with two M10 screws. Ensure O-ring 2.5x40 is in slot between adaptor and actuator. See configuration on section #12.



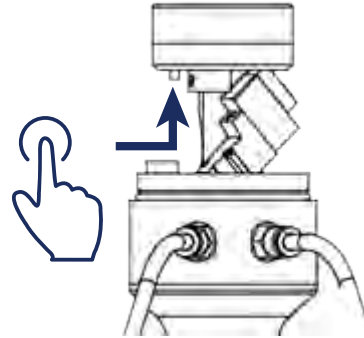
- 8.** Close the M10 screws with 17 mm Wrench. Closure torque $T=4.5$ [Nm].



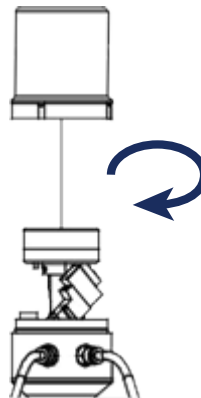
* To secure the screws use thread locker glue according to the application.

- 9.** Connect air connections and electrical connection according to configuration on section #12.

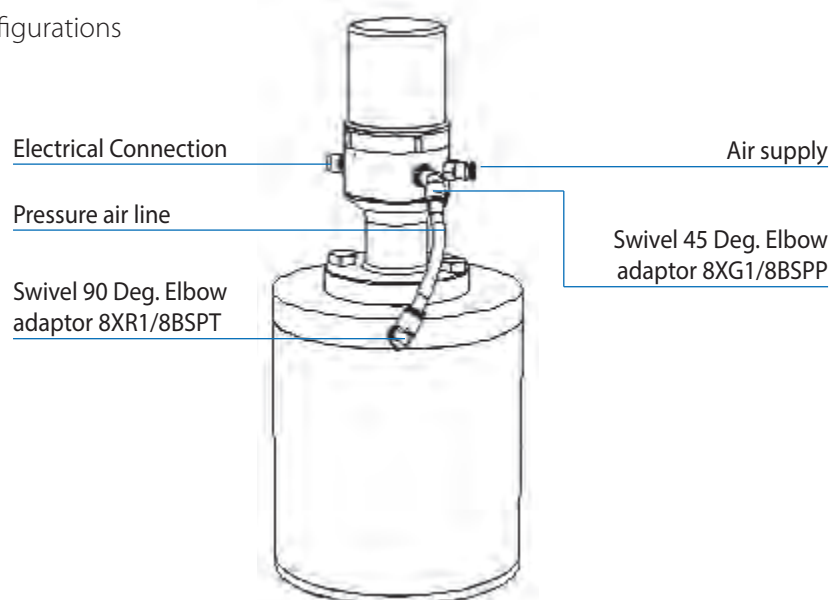
- 10.** Press control head calibration button for 3 second, until the Control Head will start automatic calibration procedure.



- 11.** Screw down manually the plastic cover of control head.

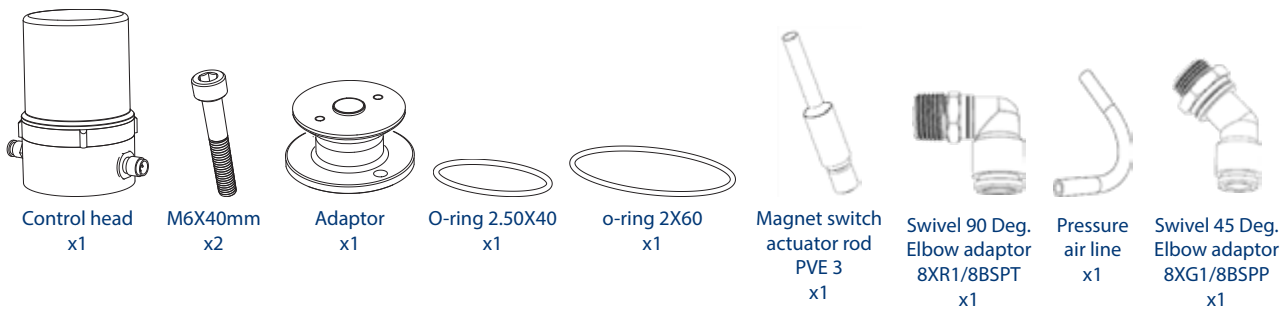


12. Connecting configurations

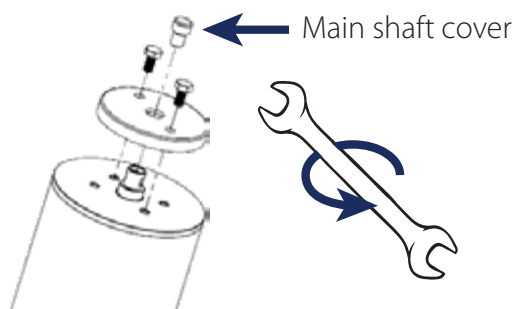


PVE 3 - NC

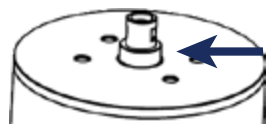
Parts List



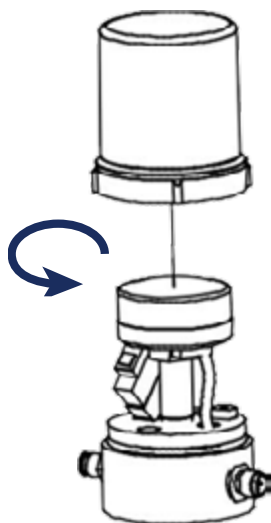
1. Unscrew main shaft cover manually and two M10 screws of the actuator's plastic cover with 17 mm wrench (control head side). Remove the plastic cover



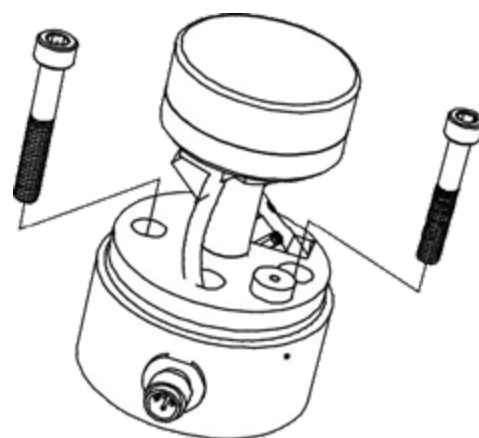
2. Insure that the plastic bushing step is forwarding the control head side.



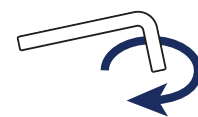
3. Unscrew manually plastic cover of control head.



4. Insert M6 screws in control head holes.

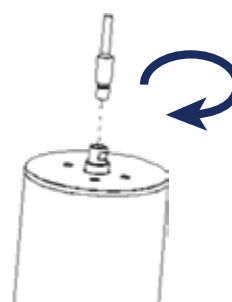


5. Screw down the two M6 screws (with Hex key #5. Closure torque $T=2.0$ [Nm] max.) through the adaptor, ensure O-ring 2x60 is in slot between control head and adaptor.



* To secure the screws use thread locker glue according to the application.

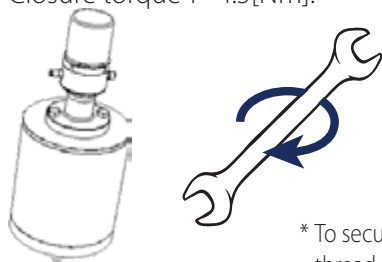
6. Screw down manually the magnet switch actuator rod to the actuator rod.



- 7.** Connect control head adaptor to the actuator with two M10 screws. Ensure O-ring 2.5x40 is in slot between adaptor and actuator. See configuration on section #12.



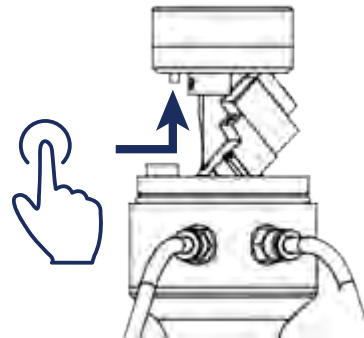
- 8.** Close the M10 screws with 17 mm Wrench. Closure torque $T=4.5$ [Nm].



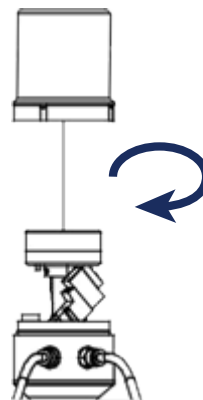
* To secure the screws use thread locker glue according to the application.

- 9.** Connect air connections and electrical connection according to configuration on section #12.

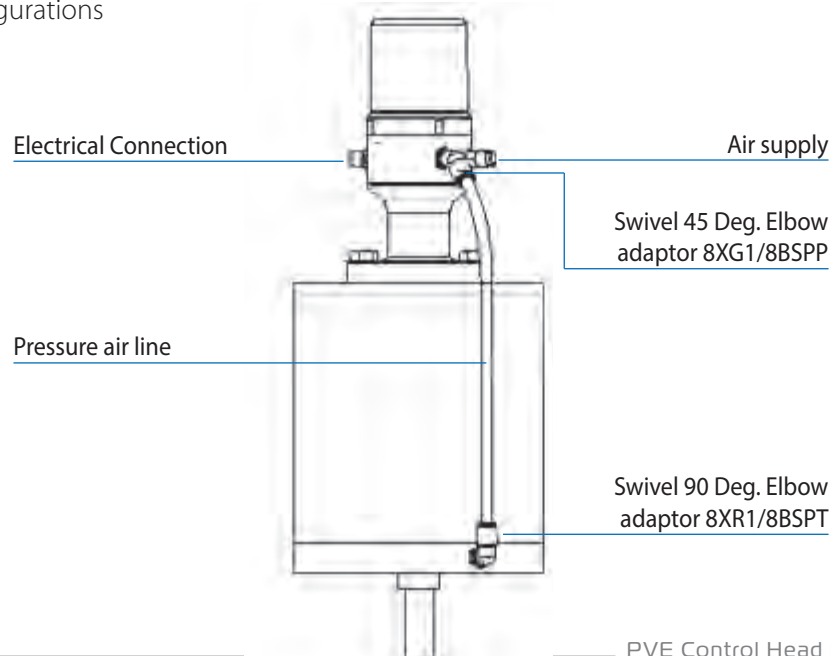
- 10.** Press control head calibration button for 3 second, until the Control Head will start automatic calibration procedure.



- 11.** Screw down manually the plastic cover of control head.

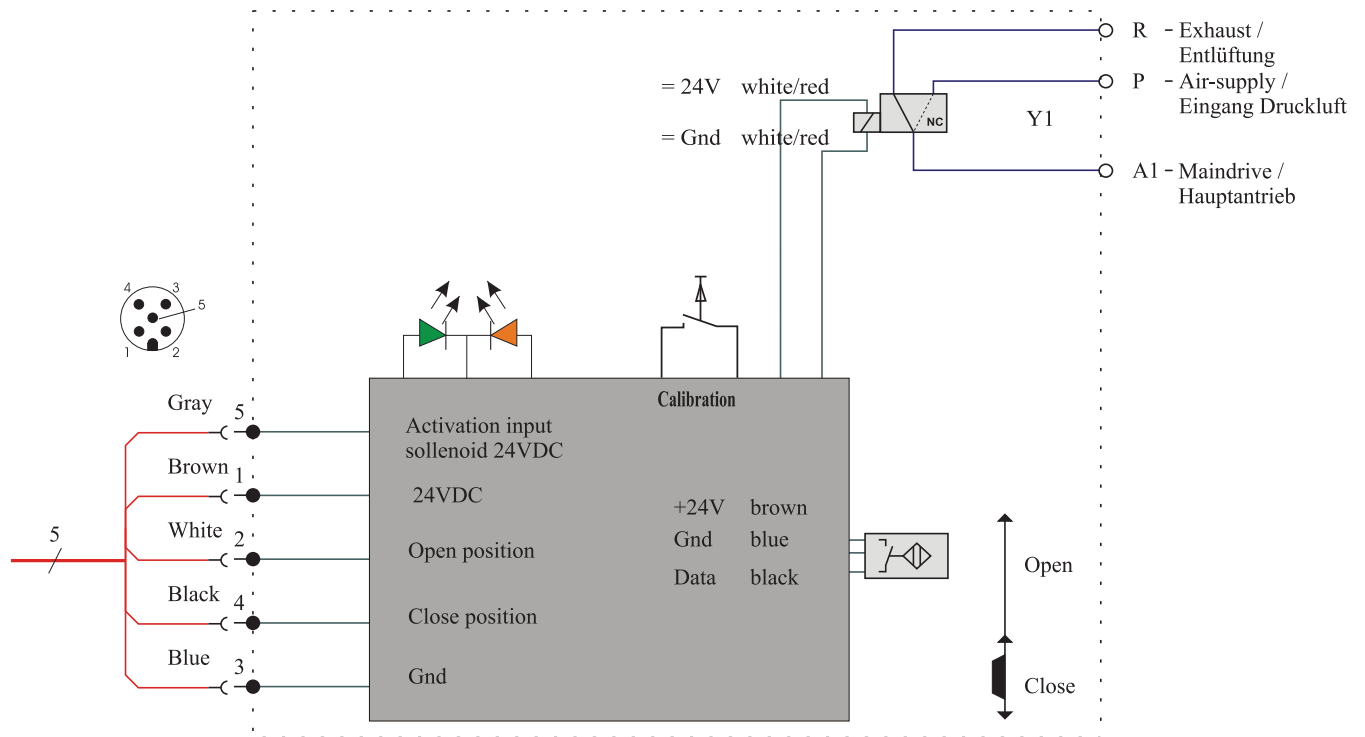


12. Connecting configurations

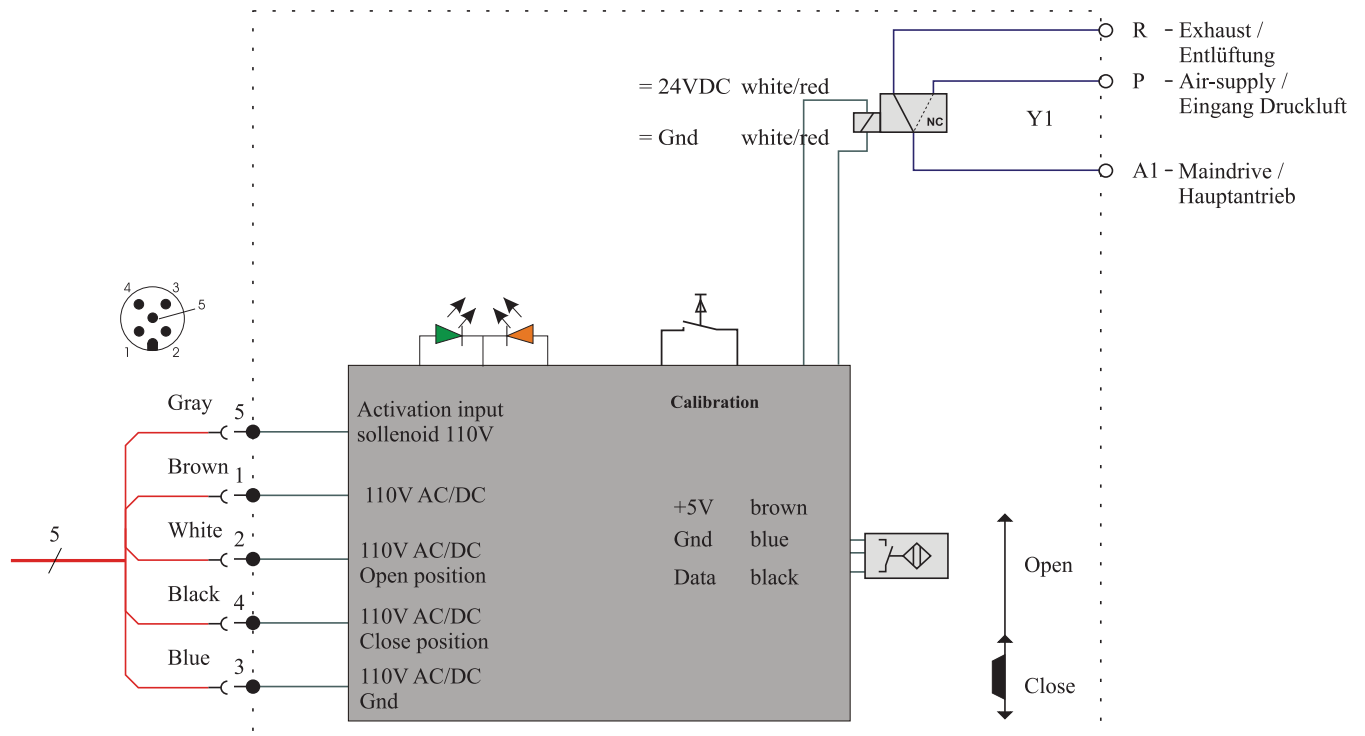


PVE Control head wire diagram

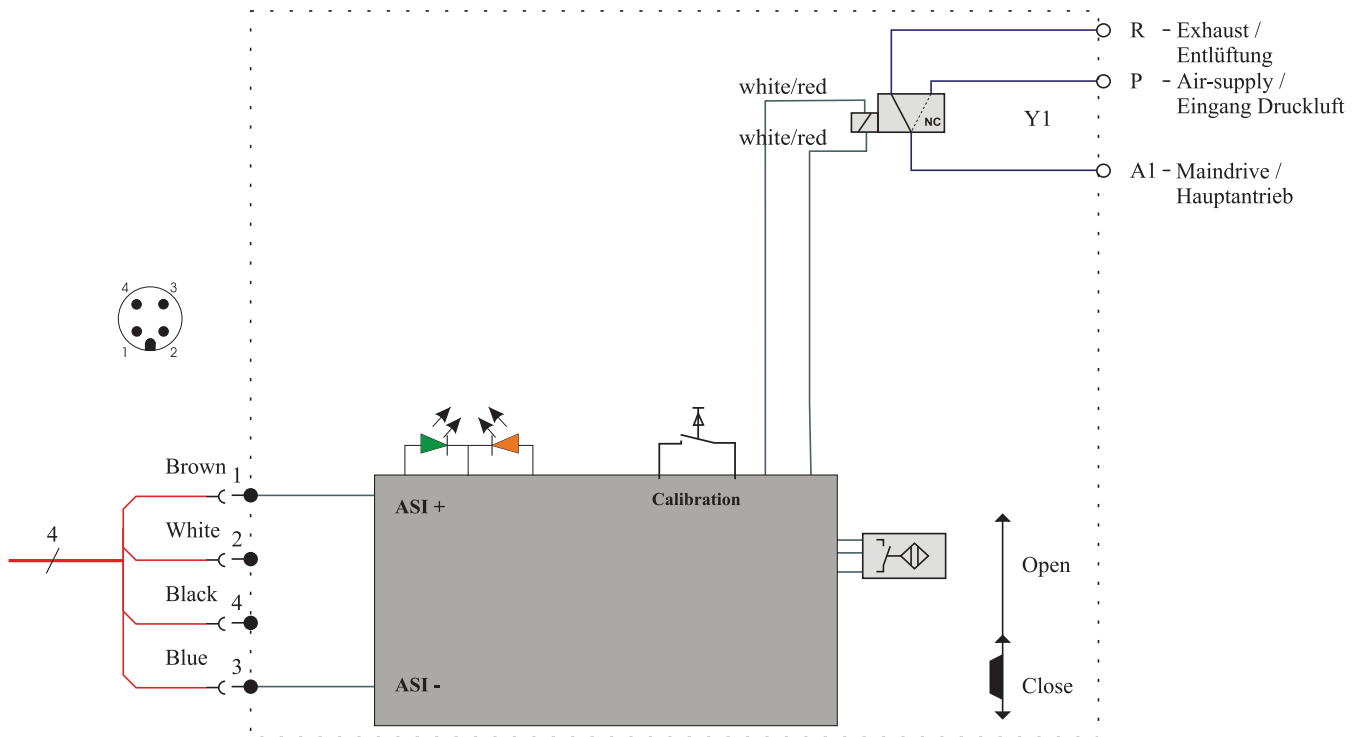
24V connection



110V connection



ASI connection



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