

MANUAL FEEDBACK ASSEMBLY (PFW) FOR W & UW TYPE VALVES

Technical Note 106

The PFW, comprising a knob with a socket head set screw and a bearing plate with a contact and signal cable, provides position feedback for two position manually-actuated valves in the form of a permanent contact closure for TTL logic signals at Position B.

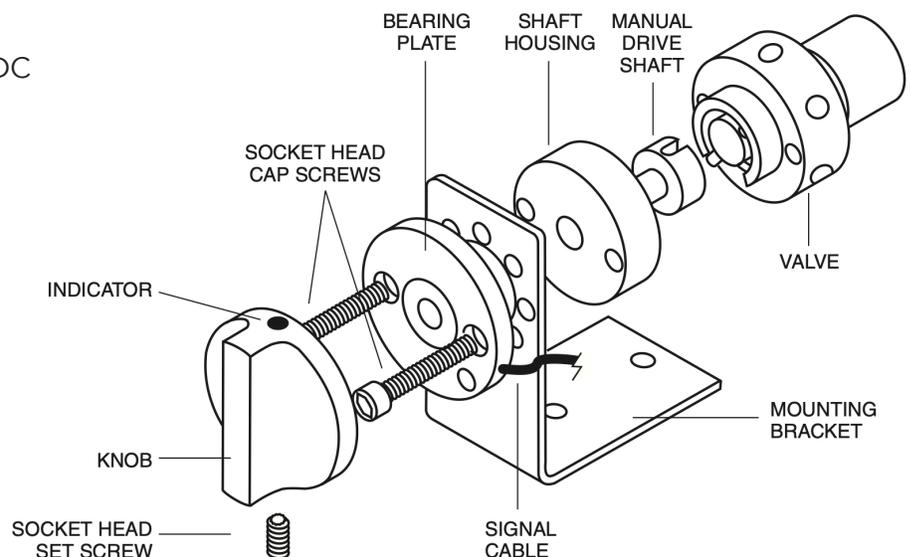
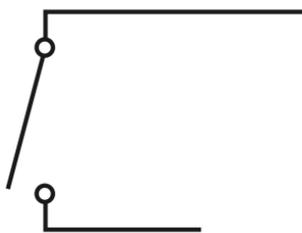
INSTALLATION ON AN EXISTING MANUAL VALVE

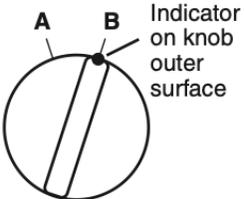
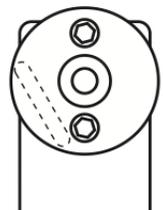
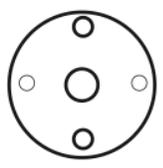
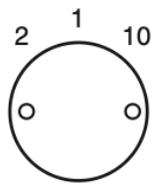
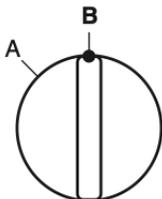
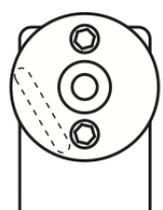
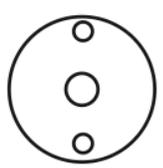
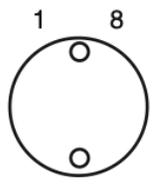
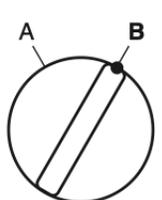
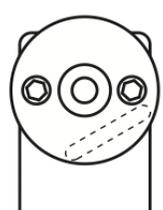
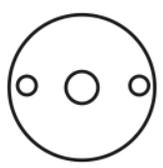
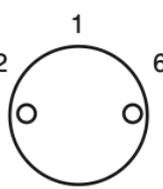
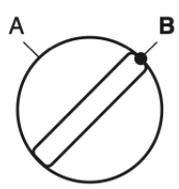
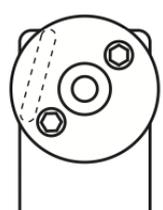
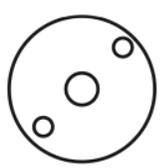
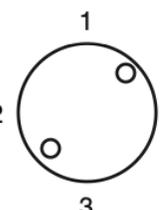
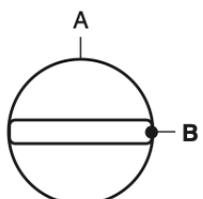
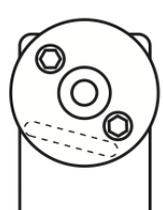
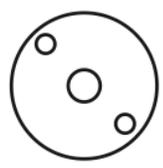
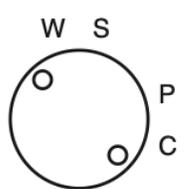
Refer to the drawing below.

1. Loosen the set screw within the knob and slip the knob off the end of the manual drive shaft.
2. Remove the two socket head cap screws holding the bearing plate to the rest of the valve assembly, gripping the assembly so that the parts will stay together when the screws are removed.
3. Slide the bearing plate off of the manual drive shaft and orient the valve and shaft housing to align with the mounting bracket as indicated in the table on the next page of this document.
4. Slide the bearing plate supplied as part of the PFW over the drive shaft, aligning its holes with the holes in the shaft housing and valve. Secure it with the two socket head cap screws.
5. Slide the knob onto the drive shaft so that the set screw is aligned with the flat on the shaft, and tighten the set screw.

CONTACT SIGNAL SPECIFICATIONS

| | |
|-------------------|------------|
| Maximum Voltage: | 48 VAC/VDC |
| Maximum Amperage: | 0.1A |
| Maximum Power: | 5 W |



| VALVE & PFW TYPE | ORIENTATION OF KNOB IN POSITION B | ORIENTATION OF BEARING PLATE | ORIENTATION OF SHAFT HOUSING | ORIENTATION OF VALVE PORTS & MOUNTING HOLES |
|--|--|---|--|---|
| C10W C10UW PFW36 10 PORTS 36° THROW |  <p>Indicator on knob outer surface</p> |  |  |  |
| C8W C8UW PFW45 8 PORTS 45° THROW |  |  |  |  |
| C6W C6UW PFW60 6 PORTS 60° THROW |  |  |  |  |
| C4W C4UW PFW45 4 PORTS 90° THROW |  |  |  |  |
| CI4W CI4UW PFW90 4 PORTS 90° THROW |  |  |  |  |