

# Pump Cycle Timers PC-10-R and FPC-10-R Installation, Operation, and Maintenance

**The Concept:** For baitwell applications there is generally no need to run the circulator pump continuously. The periodic change of baitwell water is usually sufficient to keep live bait healthy.

A GROCO Pump Cycle Timer enables you to conserve battery power and extend pump life by limiting pump running time. If a reversing pump is used, such as GROCO SPO-60-R or SPO-80-R, the cycle timer may also be utilized to command the pump to empty the baitwell after you've caught your limit.

**Installation:** FPC-10-R is designed for mounting flush into a bulkhead. Make a rectangular cutout 3-3/4" x 1-5/8" and fasten with the hardware provided. The installation location must be protected from rain and splashing water.

PC-10-R enclosure is waterproof, but the switch penetrations into the enclosure are not. Installation may be installed anywhere, but must be protected from direct water contact.

**Electrical:** Proper wire size is essential for safe and efficient pump performance. Refer to the wire size selection information provided with the pump.

Note that PC-10-R and FPC-10-R have a maximum pump amperage of 15-amps @12VDC; 10-amps for 24V and 5-amps for 32V.

**Pump Options:** PC-10-R and FPC-10-R may be used with GROCO SPO-60-N and SPO-80-N Vane Pumps, or with CP-20, CP-30 or CP-20-S Centrifugal Pumps.

**Operation:** The 3-position toggle switch provides power to the pump motor in the desired pumping direction. "Empty" is to be used only with reversing pumps.

Adjust cycle selections with the power off. Turn back on to operate the selected cycles.

Total pump cycle time is 15-minutes, Adjust "On" and "Off" cycles as desired to achieve a total 15-minute cycle.



FPC-10-R mounts flush to wall or bulkhead



PC-10-R mounts anywhere

