

LEVEL SWITCH — WIRING INSTRUCTIONS

Issue: How to wire a high-level or low-level switch on an AquaSeal water-sealed liquid ring vacuum pump system

Each AquaSeal water-sealed liquid ring vacuum pump system is tested and checked at the factory prior to shipment to ensure trouble-free operation. In the unlikely event you encounter a problem; we recommend that you consult with your local distributor for parts/service. Remember, when calling for service, parts, or system information always have the pump or system model number and serial number ready.

[Click here to find your local authorized distributor.](#)

WARNING! Before attempting any repairs, disconnect all power from the system by switching off power at the main breaker or disconnect switch. Always use appropriate Lock Out - Tag Out procedures.

Full recovery AquaSeal systems are equipped with a level switch for indicating low water level in the separator tank. When the switch closes on low water level, it activates the seal-water make-up solenoid to add make-up water to the separator tank.

Low-Level Switch — to be wired normally, open to close on low seal water level. Include a 15-second activation delay timer in the circuit to prevent nuisance shutdowns caused by turbulence.

Wires on part number 6910-0100-000 (standard level switch) are identified as:

- Black = common
- Red = normally closed
- Blue = normally open

Each level switch has an arrow stamped into the side of the switch. For proper operation, the arrow must face down.

