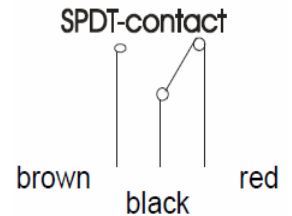


PSR/PS SPDT Reed Switch Addendum revised 12/14

A. Electrical Connection

- Ensure that the electrical supply lines are isolated from the power source while connecting the electrical conductors.
- Connect external devices according to the diagram at the right:

Black and Brown wires = Normally Open
Black and Red wires = Normally Closed



Note: Switch function is factory set with decreasing flow

- After connecting the external electrical equipment, the unit is ready for operation.

B. Contact Mode Description

• Normally Open

The contact closes when the flow increases and the set point value is reached or exceeded. The switch opens again with falling flow at the minimum value based on the switch hysteresis.

• Normally Closed

The contact opens when the flow increases and the set point value is reached or exceeded. The switch closes again with falling flow at the minimum value based on the switch hysteresis.

• SPDT (Changeover) Contact

The normally open and normally closed switch modes are simultaneously available from the same position.

NOTE: When retrofitting a “first design” SPDT switch (white cylindrical switch housing w/potted wiring) with a “second design” switch (black switch housing), the upper switch housing must be replaced at the same time.

Switch Adjustment with the SPDT contact

NOTE: The SPDT switch has adjustment markers (arrows) on the switch housing which are only used for reference. In a typical installation, only the tip of one arrow may be visible.

If necessary to adjust the switch, connect a continuity tester to the desired switch function wire pair. Slightly loosen the two screws holding the clamp plate to the top of the upper housing. Depress the paddle lightly to change the switch state. Remove pressure on the paddle to return to the original switch state. Slide the switch housing as needed to allow the switch to function in both states. After adjustment, tighten the two clamp plate screws. **NOTE: Verify that the switch functions correctly (changes state) in this position after tightening and readjust if necessary.**