

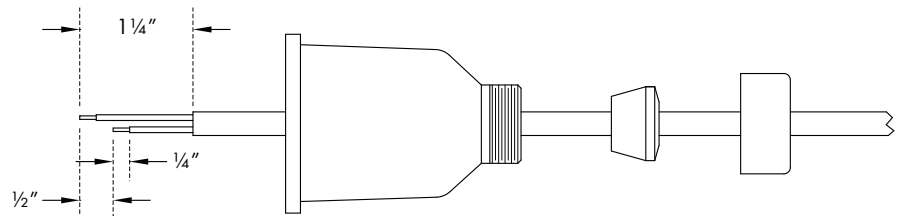
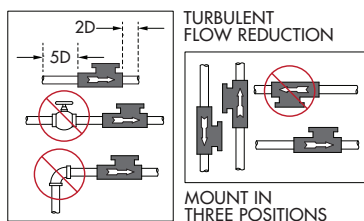
INSTALLATION INSTRUCTIONS

Model Q-8DS is normally mounted in a 1½" x 1½" x 1" or 2" x 1" SST PVC Tee, which may be plumbed into the system in vertical or horizontal lines, right side up or inverted using normal PVC pipe cement. Make sure that flow direction arrow on the cover is aligned with the flow in the pipe.

An unmounted Q-8DS should be threaded into the 1" NPT stem of the Tee after checking for uniform coating of threads with Teflon tape. Tighten sufficiently to produce a leak-tight seal and continue tightening up to one full turn to align flow direction arrow on cover parallel with flow axis of Tee. Check through open end of Tee that drag strip moves freely and is perpendicular to the flow axis. Install in pipe with flow direction arrows pointing correctly in flow direction.

ELECTRICAL WIRING

1. Remove strain relief nut, grommet, and switch cover.
2. Strip outer jacket of electrical cord back approximately 1¼", stagger ½" and strip leads ¼".
3. Remove slip-on connectors from microswitch terminals and crimp or solder to leads.
4. Feed cable through strain relief nut, grommet, and cover.
5. Apply slip-on connectors to appropriate terminals of microswitch. Slide cover down cable and fasten to body with 4 screws. Slide grommet down cable until small end is level with outer jacket. Push grommet into tapered hole of cover, hold cable jacket to prevent rotation and tighten strain relief firmly.
6. If type "F" cover is supplied, connect desired conduit fitting to cover. Prepare leads, attach to slip-on connectors per STEP 2 and apply to appropriate microswitch terminals. Attach electrical conduit-to-conduit fitting. Exercise reasonable care when assembling metal flexible conduit to prevent fracture of plastic cover. Rigid conduit is not recommended.



WIRING SCHEMATIC

Contacts are closed when flow rate is above microswitch set point (15-20 GPM). Power to load interrupted when flow decreases below this point.

