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# TILT SWITCH

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## MERCURY or NON-MERCURY

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### MODEL SW 108

#### FEATURES

- Choice of Form C switches:
  - Mercury
  - Non-mercury
- 7.5" PVC housing for easy mounting
- Highly flexible cable

#### PRIMARY APPLICATION:

- Check-valve arm flow sensing

CONTEGRA's SW 108 is a rugged, versatile tilt switch. The SW 108 was designed to provide pump discharge flow sensing for pumps which use a check valve arm. The SW 108 is fastened directly to the arm (as shown on page 2). When the check valve opens and the valve arm tilts upward, the switch toggles, signaling pump flow.

# MODEL SW 108

## Specifications

### Housing:

- 7.5" long (nominal)
- 1" diameter
- Epoxy potted switch

### Cable:

- 16 gauge, SEOW
- Rated "continuous service" for flexibility and longevity.
- 10' feet long (minimum), with strain relief

### Switch Ratings

#### Mercury Rating:

- 120 VAC Max.
- 1 Amp Max.

#### Non-Mercury Rating:

- 150 VAC/VDC Max.
- 1 Amp. AC/DC Max.
- Non-Inductive: 25 W Max.
- Inductive: 12 W Max.

### Connections:

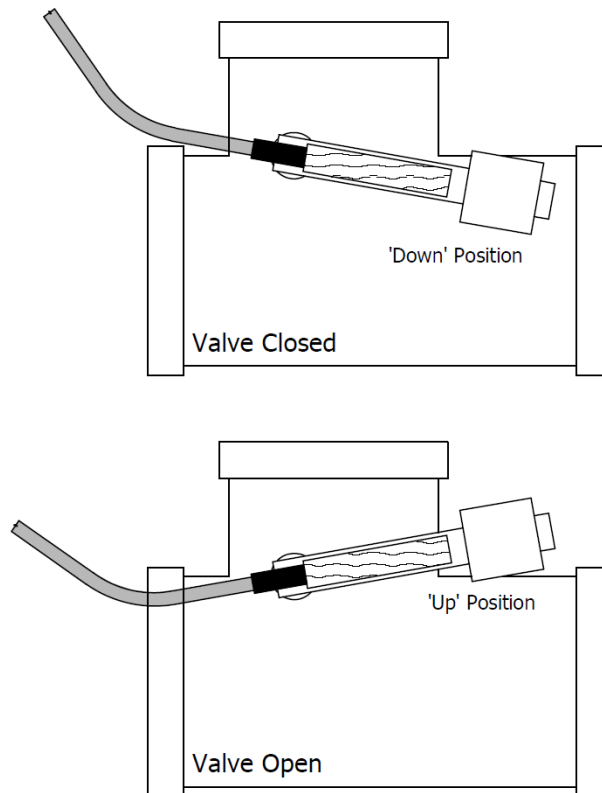
- White = Common
- Black = Normally Open (NO)
- Red = Normally Closed (NC)
- Green = No Connection

### Operating angles:

- Above and below horizontal:
- Mercury: 10°**
- Non-Mercury: 20°**

The SW 108 may be mounted with 316 SS hose clamps, tie-wraps, or conduit clamps. Periodically inspect and tighten all switch mounting hardware.

## Application Drawing:



### Ordering Information (see example below\*\*)

Model	Switch option
SW 108	M-CL (Mercury)
	E-CL (Non-Mercury) [Environmentally friendly]
	CL = Cable Length. Min = 10' / 10' increments.

\*\* A typical model number is SW 108-M-10. Which includes a SW 108 switch with a Form-C Mercury Switch and ten feet of cable. Model SW 108-M-20 stipulates the above switch with a 20' cable.

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