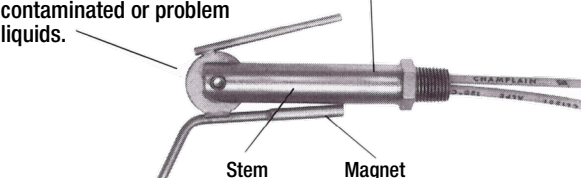


## METAL

Patented operation means: mechanism, including magnet, remains out of contaminated or problem liquids.

Silicone potted for shock and vibration deadening.



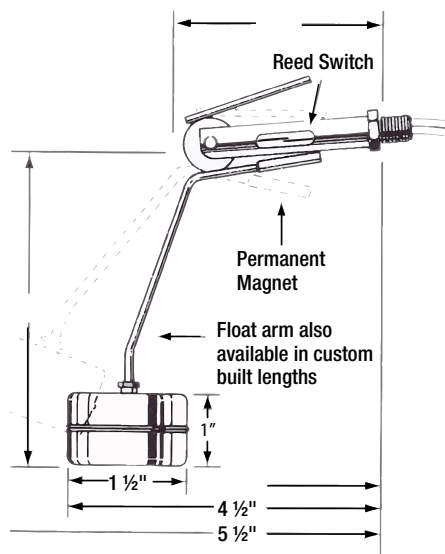
### Applications:

- Ideal for dirty or contaminated liquids.
- Viscous fluids.
- Only the float is in contact with the liquid.
- All metal design.
- Choice of N.O. or N.C. switch logic.

### Notes:

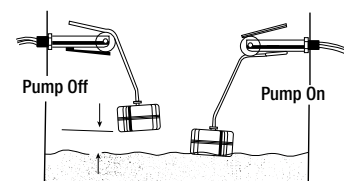
1. Other mounting styles available. Consult factory.
2. Float Sp. Gr. .5.
3. Consult factory for operating temperatures to 450°F.
4. Switch logic in tank dry condition per drawing 1.0.
5. Optional 100W SPST reed switches are stocked. Consult factory.
6. Relays are available for handling higher loads than allowed. See Accessories section for details.

FLOAT: No magnet in float. Ferrous alloys are not attracted to float which could jam other types of level switches.



Drawing 1.0

**The unique design permits only the float to come in contact with the liquid, thereby eliminating the possibility of jamming caused by the metallic chips collecting on the magnet.**



Grinding fluid contaminated with metallic chips and lube oil.

### Specifications:

P/N N.O. See Note 4	P/N N.C. See Note 4	Mount-ing	Stem	Float	Switch	Lead Wires	Oper. Temp.	Oper. Pressure
43031	43033	1/8" NPT See Note 1	Brass	SST See Note 2	20VA SPST See Note 5 & 6	18 AWG Poly-meric	-40°F to +300°F See Note 3	50 PSIG
43032	43034		SST					

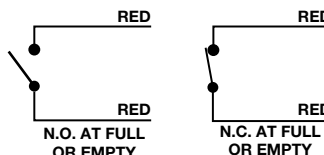
### Electrical

#### Switch Ratings ... Max Resistive Loads

V.A.	VOLTS	AMPS DC	AMPS AC MAX	AMPS AC MAX
20	0-50	.4	.4	1.0
	120	.15	.16	
	240	.06	.08	

Switch Rating 20VA: 120-240VAC Pilot Duty

#### WIRING DIAGRAM FOR STANDARD SPST SWITCHES



Viscous epoxy.

One level switch maintains the proper level of a viscous epoxy used in automatic coating machines.

By simply bending the float arm, tank top mounting may be used in lieu of side of tank installation.

