



**anchor scientific inc.**

**roto-float**

**Type P-Pipe Mounted  
Type S - Suspended**

**The ROTO-FLOAT is a direct acting float switch.**

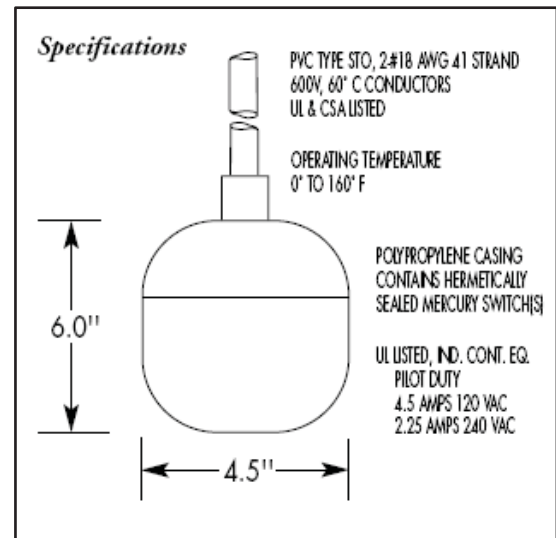
Each ROTO-FLOAT contains a single pole mercury switch which actuates when the longitudinal axis of the float is horizontal, and deactuates when the liquid level falls 1" below the actuation elevation.

The float is a chemical resistant polypropylene casing with a firmly bonded electrical cable protruding. One end of the cable is permanently connected to the enclosed mercury switch and the entire assembly is encapsulated to form a completely water tight and impact resistant unit.

ROTO-FLOATS can be mounted on a support pipe (type P) or suspended from above (type S). Advantages of the ROTO-Float are low cost, simplicity, and reliability.

**ROTO-FLOAT Features**

- Fixed or Suspended Installation
- PVC Type STO #18 conductors (41 strand)
- Polypropylene Float Housing
- Polypropylene Cable Clamp
- PVC Cable Jacket
- NO and NC Switch Configuration
- Various Cable Lengths



**CABLE**

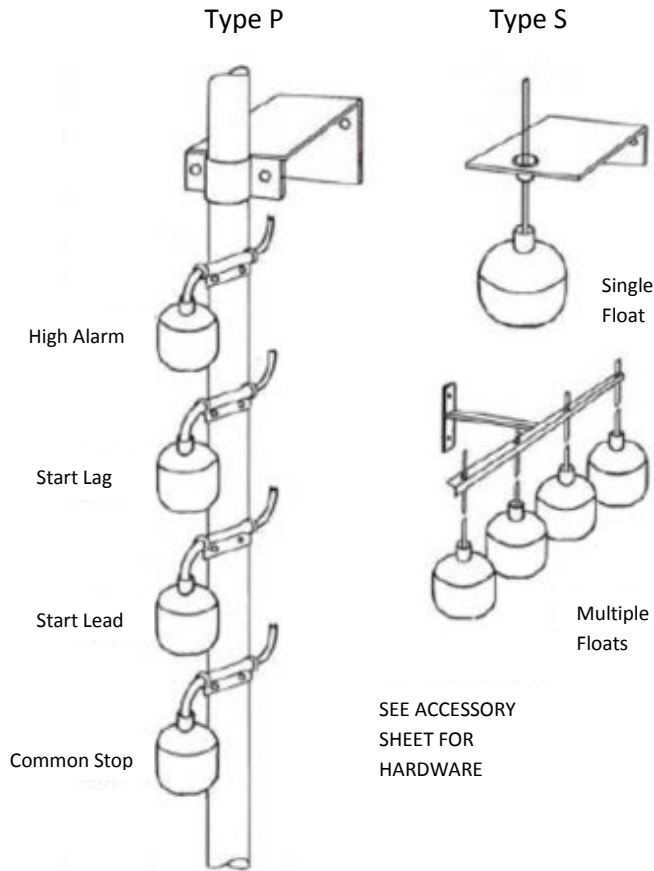
P.V.C. type STO #18 conductors (41 Strand) rated 600 volts - Various lengths available  
- See table of models - Non-standard lengths also available on special order.

**MATERIALS OF CONSTRUCTION**

Float housing.....Polypropylene  
Cable clamp.....Polypropylene  
Cable jacket.....P.V.C

Description	Part Number
<b>ROTO-FLOATS</b>	
PVC Float Switch w/1 N.O and 1 N.C. Contact & 20' Cable – Pipe Mounted	P20NONC
PVC Float Switch w/1 N.O and 1 N.C. Contact & 30' Cable – Pipe Mounted	P30NONC
PVC Float Switch w/1 N.O and 1 N.C. Contact & 40' Cable – Pipe Mounted	P40NONC
PVC Float Switch w/1 N.O and 1 N.C. Contact & 20' Cable – Suspension Mounted	S20NONC
PVC Float Switch w/1 N.O and 1 N.C. Contact & 30' Cable – Suspension Mounted	S30NONC
PVC Float Switch w/1 N.O and 1 N.C. Contact & 40' Cable – Suspension Mounted	S40NONC
<b>Mounting Hardware &amp; Accessories</b>	
1" Pipe Stabilizing Bracket (Pipe Mounted)	W-STB
Wall Mount Bracket – Single Suspended Float or Pipe Mounted Floats	W-MS(Sus.) or W-MP(Pipe)
Wall Mount Bracket – Four Suspended Floats	S-4
Float Cable/Anchor kit 30' (with 15lb anchor, 30' SS cable, wall bracket, 5 cable clamp)	
Float Cable/Anchor kit 60' (with 15lb anchor, 60' SS cable, wall bracket, 5 cable clamp)	
Model IS6 Six Circuit Intrinsically Safe (Switch Circuit) Barrier: 12-24V DC powered	

### Typical Mounting



App4Water  
 2 Forest Drive  
 Catonsville, MD 21228  
 410.744.9040 phone  
 410.744.6062 fax  
 www.app4water.com