



SUBMITTAL FPT 50

SENSOR APPROVAL SHEET FIRE PROTECTION TANK

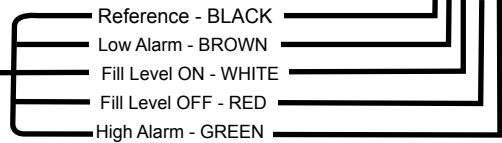
Simplex Water Level Fill Control w/ Low & High Alarms

CUSTOMER
PO#
SO#
SHIP DATE
QUANTITY
WIRE LENGTH (Ft.)

OPTIONS

- Temperature alarm activations
- Temp. cut-out at 40° per NFPA 22 16.1.2.2
- Wire length (min. 50 ft. - 350 ft. max.)
- Operates valve
- Audible Alarm

Sensor rods & wires:
Intrinsically safe
Circuit limited signals



3" Slip Plug (PVC)

3" Slip Fitting

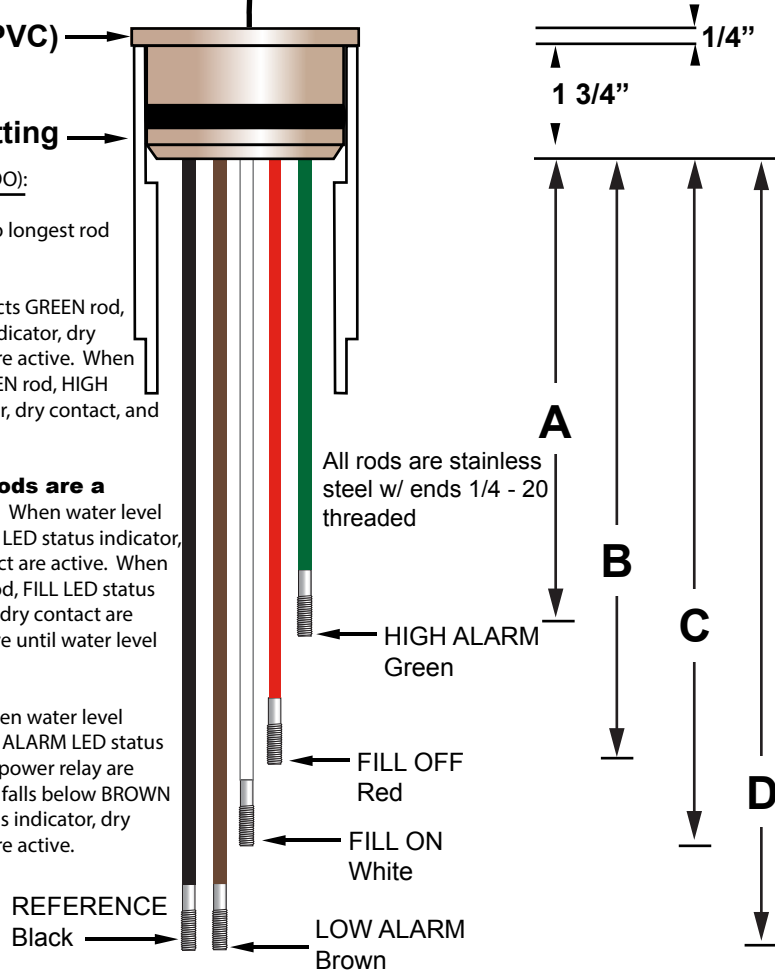
Sequence of Operation (SOO):

Three function - shortest to longest rod length

1) When water level contacts GREEN rod, HIGH ALARM LED status indicator, dry contact, and power relay are active. When water level falls below GREEN rod, HIGH ALARM LED status indicator, dry contact, and power relay are inactive.

2) **RED AND WHITE rods are a differential function.** When water level falls below WHITE rod, FILL LED status indicator, power relay, and dry contact are active. When water level contacts RED rod, FILL LED status indicator, power relay, and dry contact are inactive and remain inactive until water level falls below the WHITE rod.

3) Function 2 is active. When water level contacts BROWN rod, LOW ALARM LED status indicator, dry contact, and power relay are active. When water level falls below BROWN rod, LOW ALARM LED status indicator, dry contact, and power relay are inactive.



All rods are stainless steel w/ ends 1/4 - 20 threaded

REFERENCE Black
LOW ALARM Brown

Dimensions should be calculated from the top of the tank or riser down to the required alarm level(s) in inches. Be sure to take into account any riser pipes or manway risers.

Waterline Controls
P.O. Box 12544
Scottsdale, Arizona 85260
Toll Free: 888-905-1892
info@waterlinecontrols.com
www.waterlinecontrols.com

LENGTHS

SENSOR		Standard	Custom
Green	HIGH ALARM	A 10 3/8"	
Red	FILL STOP	B 14 7/8"	
White	FILL START	C 16 3/8"	
Brown	LOW ALARM	D 17"	
Black	same length as longest rod		
Optional temperature rod same length or 1" longer than longest rod			

Name:

Company:

Signature:

Date:

Signature is required to release product to production