LF2

DESCRIPTION

This double float level switch is ideal for monitoring both maximum and minimum fluid levels. This rapid fluid level switch is suitable for use with contaminated fluid. Rod height can be easily cut to length for fast implementation into your system. It has two rods to monitor two fluid levels.

FEATURES

- Rapid level float switch
- User can easily customize length of rod
- Can be used in the presence of dirty liquids or ferrous particles due to lack of magnet
- Materials suitable for high temperatures

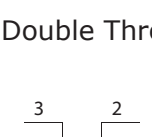
APPLICATIONS

- Process tank
- Batch monitoring
- Storage tanks

Specifications

Electrical	1A, 20W, 20VA, 150 VDC/VAC 0.5A, 30W, 500VDC
Switch Type	Reed Switch
Protection	Junction Box - IP65
Temperature Range	-20°F to 176°F (-29°C to 80°C)
Rod Material	Stainless Steel (Optional Reinforced Rods Brass)
Rod Length	500 mm or 1000 mm
Maximum Pressure	145 PSI (10 BAR)
Weight	0.9 lbs (0.4 kg)

Single Pole Double Throw Contact



Ordering Information

	1	2	3	4	5
Example	**LF2** -	**R** -	**F3** -	**S2-S2** -	**A500** -	**B400**

1 - Rod Type:

BLANK - Stainless Steel Standard Rod
R - Reinforced Rod (Brass material)

2 - Thread Options:

F3 - 3 Hole Flange
T3 - 1-1/4 NPT

3 - Circuit:

S2 - S2 - SPDT (Single Pole Double Throw)

4 - Lower Control Rod Length:

A500 - Standard rod length 500 mm
A1000 - Standard rod length 1000 mm

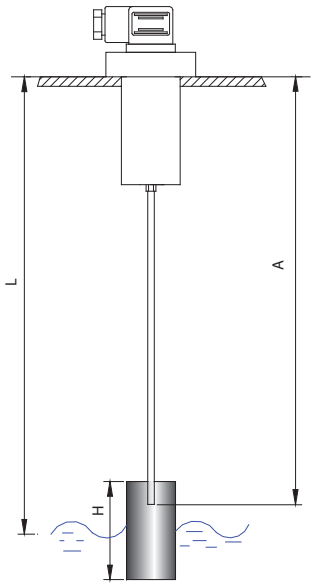
5 - Upper Control Rod Length:

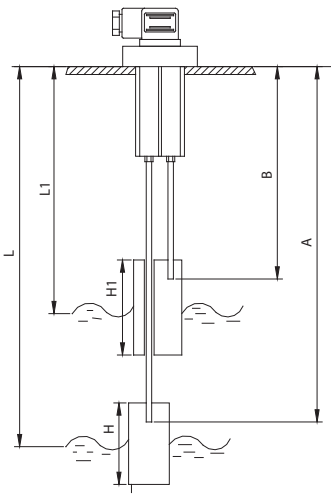
B400 - Standard rod length 400 mm
B900 - Standard rod length 900 mm

* Minimum distance between the two points to be controlled is 90mm

** Rods can be cut to specific length. Please see pg 50 for cutting chart

LEVEL SWITCH CHART





Control Value L (mm)	Rod Cutting For Min Level A (mm)	Control Value L1 (mm)	Rod Cutting for Max Level B (mm)
120	116		
140	137		
160	158		
220	221	120	131
240	242	140	152
260	263	160	173
280	284	180	194
300	305	200	215
320	326	220	236
340	347	240	257
360	368	260	278
380	389	280	299
400	410	300	320
420	431	320	341
440	452	340	362
460	473	360	383
480	494	380	404
500	515	400	425
520	511	420	421
540	532	440	442
560	553	460	463
580	574	480	484
600	595	500	505
620	616	520	526
640	637	540	547
660	658	560	568
680	679	580	589
700	700	600	610
720	721	620	631
740	742	640	652
760	763	660	673
780	784	680	694
800	805	700	715
820	826	720	736
840	847	740	757
860	868	760	778
880	889	780	799
900	910	800	820
920	931	820	841
940	952	840	862
960	973	860	883
980	994	880	904
1000	1015	900	925

H = 60 for L = 120 to 500
H = 90 for L = 501 to 1000
H1= 70 for L1 = 120 to 1000

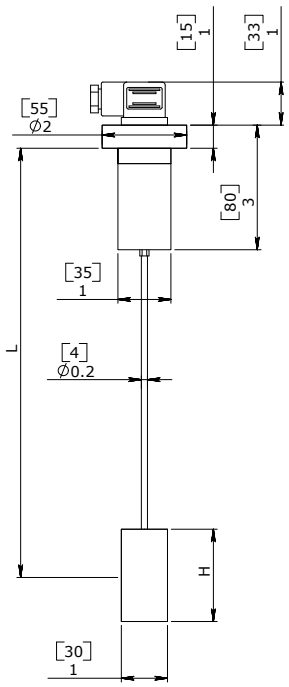
LEVEL SWITCH SPECIFICATION

ANFIELD SENSORS INC.

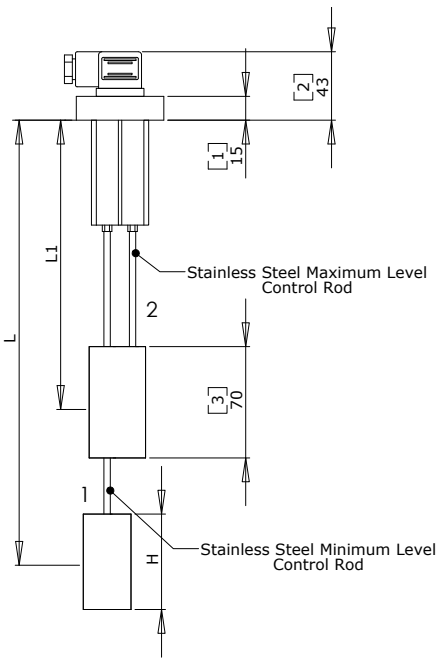
Wiring Code - LF1	
CONTACT	DIN 43650 TYPE
COMMON	PIN 1
NORMALLY CLOSED	PIN 2
NORMALLY OPEN	PIN 3

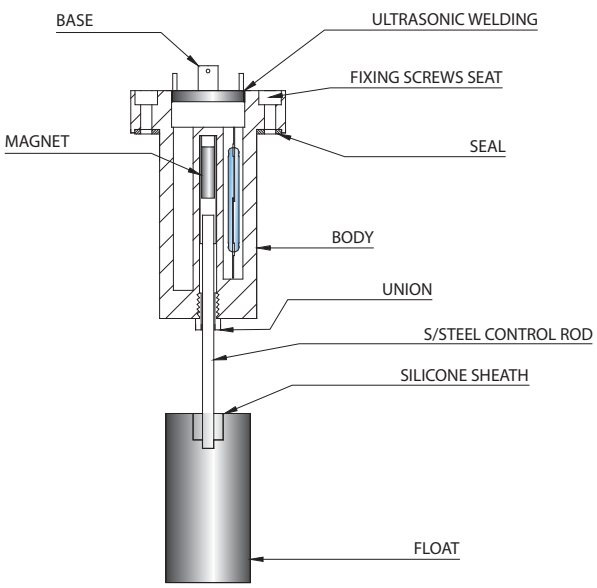
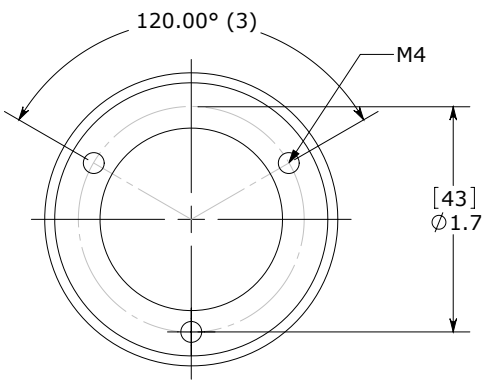
Wiring Code - LF2	
CONTACT	JUNCTION BOX
COMMON	YELLOW
NORMALLY CLOSED	BLUE
NORMALLY OPEN	WHITE

LF1



LF2





F3 Mounting Pattern: