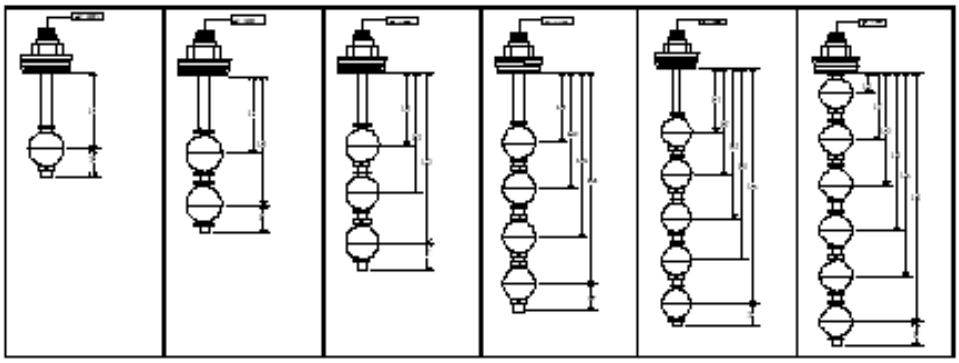
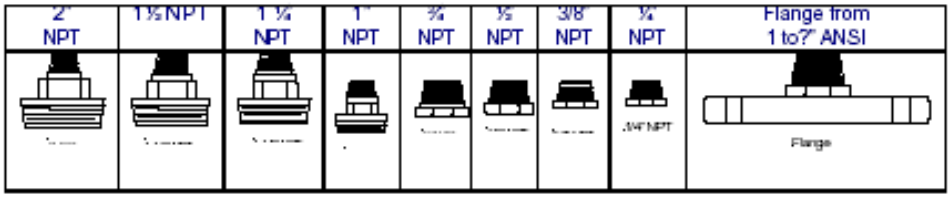
Multi Activation Float

Large Custom Multi Level Series – Brass or Stainless

If you don't see it – ask







- ✓ Interface floats for hydrocarbons mixed with water – custom sp.gr. on request
- ✓ Temperature sensors can be supplied internally – RTD's. T/C, On/Off Temp switch
- ✓ 90 deg. Probe available on any model – compression fittings, sanitary etc
- ✓ Slosh shields available
- ✓ Sliding stem available on most models
- ✓ Extra long units can be compression fitting joined
- ✓ Many J box options – including lead length and wire or cable
- ✓ Co Generation – Pump Control – Level Plus Alarm Indicationm – Back up pumps

Basic Float Specifics

Material	Pressure PSI	Temperature	Sp. Gr.	Float Weight
316 SS	600	- 40 to 300 deg. F	0.75	38g
Closed Cell Buna	200	-40 to 225F oil	0.55	17g
PVC	100	100 F	0.6	38g
Titanium	500	300 F	0.55	light

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Large Multi Level Switch Part Numbers

Give us a call for help if necessary

Stainless Steel Probe Part Numbers – any Float

Top Row is Float Type SS means – Stainless Steel 316

Fitting	2" SS	1 ½ SS	1 9/16" Buna	1 14" Buna	1 7/8"PVC	2" Interface
Flange (X")	SR x F - 1	SR x F - 2	SR x F - 3	SR x F - 4	SR x F - 5	SR x F - 6
2" NPT	SR20 - 1	SR20 - 2	SR20 - 3	SR20 - 4	SR20 - 5	SR20 - 6
1 ½ NPT		SR15 - 2	SR15 - 3	SR15 - 4	SR15 - 5	SR15 - 6
1 ¼ NPT				SR14 - 4		
¾ NPT	SR75 - 1	SR75 - 2	SR75 - 3	SR75 - 4	SR75 - 5	SR75 - 6
½ NPT	SR37 - 1	SR37 - 2	SR37 - 3	SR37 - 4	SR37 - 5	SR37 - 6
¼ NPT	SR25 - 1	SR25 - 2	SR25 - 3	SR25 - 4	SR25 – 5	SR25 – 6
Tube	SR10 - 1	SR10 - 2	SR10 - 3	SR10 - 4	SR10 - 5	SR10 - 6

Brass Probe Part Numbers – any Float

Top Row is Float Type SS means – Stainless Steel 316

Fitting	2" SS	1 ½ SS	1 9/16" Buna	1 14" Buna	1 7/8"PVC	2" Interface
2" NPT	BR20 - 1	BR20 - 2	BR20 - 3	BR20 - 4	BR20 - 5	BR20 - 6
1 ½ NPT		BR15 - 2	BR15 - 3	BR15 - 4	BR15 - 5	BR15 - 6
1 ¼ NPT				BR14 - 4		
¾ NPT	BR75 - 1	BR75 - 2	BR75 - 3	BR75 - 4	BR75 - 5	BR75 - 6
½ NPT	BR37 - 1	BR37 - 2	BR37 - 3	BR37 - 4	BR37 - 5	BR37 - 6
¼ NPT	BR25 - 1	BR25 - 2	BR25 - 3	BR25 - 4	BR25 – 5	BR25 – 6
Tube	BR10 - 1	BR10 - 2	BR10 - 3	BR10 - 4	BR10 - 5	BR10 - 6

Selection Process

1) Choose process connection and then the corresponding float part number - eg. SR20 - 1 = SR20 (2" NPT) - 1 (2" SS float)

2) Determine levels and location (from 1 to 6) per drawing - add the state (see next) of each level eg. SR20 - 1 - 10A - 15A - 20B - 25A

- Choose the "state(s)" in the dry position or when holding it in your hand with wires facing up
- N/O (normally open "A") switch closes on rise and opens on fall
- N/C (normally closed "B") switch opens contact on rise and closes on fall

3) Choose the unit of measure - "C" for inches and "D" for millimeters - and add to the end of the part number

The Example below is a:

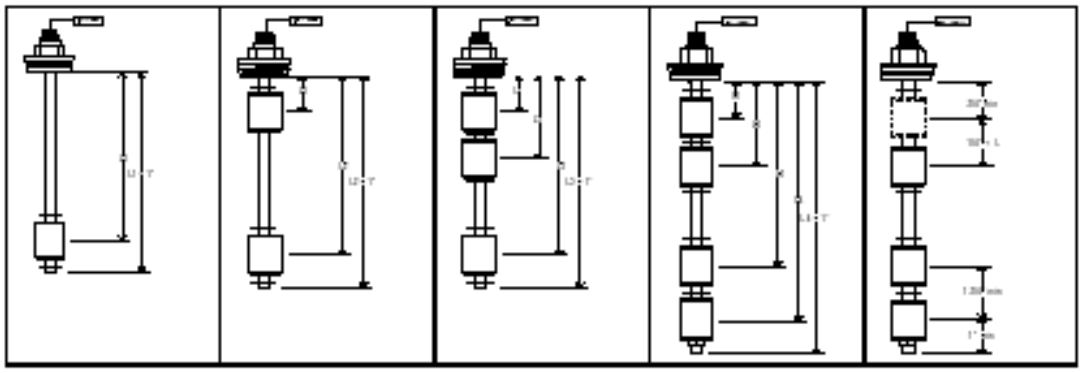
SR20 - 1 - 10A - 15A - 20B - 25A - C = SS body - 2" NPT - 2" SS floats - L1 = 10" N/O - L2 = 15" N/O - L3 = 20" N/C - L4 = 25" N/O

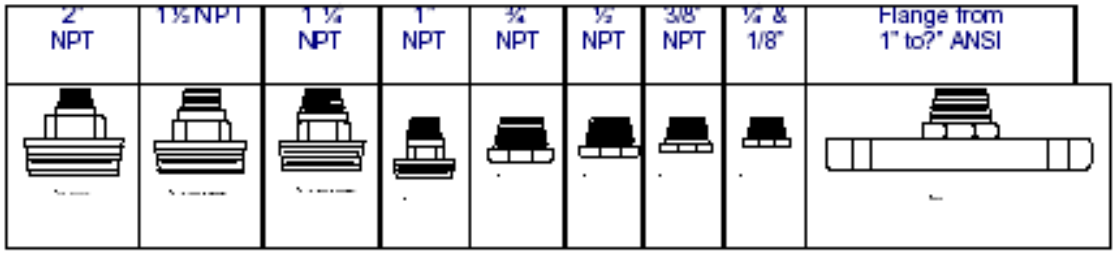
Or: BR50 - 4 - 6A - 18A - 36B - D = Brass body - 1/2" NPT - 1 1/4" buna floats - L1 = 6 mm N/O - L2 = 18 mm N/O - L3 = 36 mm N/C Note - 1 9/16 and 1 1/4" buna are the same price.

- ✓ Minimum distance between switch points - using 1 float / two switches is 1/4" (bottom switch will be N/C - upper will be N/O)
- ✓ Minimum distance between stations = 3"
- ✓ 2 " of stem length is required below the last level

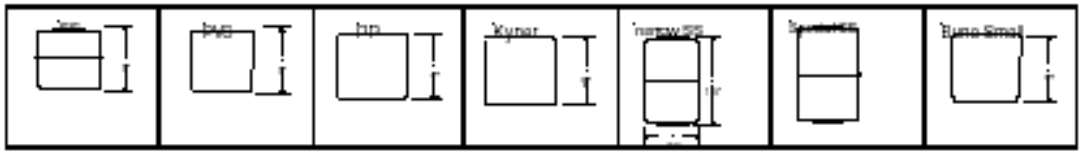
Small Custom Multi Level Series – Brass or Stainless

Economical solutions for small tank applications
If you don't see it – ask





Floats



Interface floats for hydrocarbons mixed water - custom Sp.Gr. available on request

- ✓ Temperature sensors can be supplied internally - RTD's, T/C, on/off temp. control
- ✓ 90 deg stem on any model - swivel compression fitting allows process connection installation
- ✓ Stem can be Teflon coated to prevent build-up of material - Teflon is a trade mark
- ✓ Many more materials will be available soon
- ✓ Every level switch is tested before shipping
- ✓ Slosh shields available for all models in PVC or SS
- ✓ Field adjustable float states - but best if we set them to your specifications
- ✓ Sliding stem available - particularly useful on single station models to adjust level alarm
- ✓ Extra long lengths can use a single compression fitting to allow folding for shipping or low ceilings (also see FX series)
- ✓ Any lead length or material - junction box available

Small Stainless Steel Probe Part Numbers – any Float

Top Row is Float Type SS means – Stainless Steel 316

Fitting	1" SS	1" Buna	1" PP	1" Interface	¾ ss	Kynar
Flange (X")	SSR x F - 1	SSR x F - 2	SSR x F - 3	SSR x F - 4	SSR x F - 5	SSR x F - 6
2" NPT	SSR20 - 1	SSR20 - 2	SSR20 - 3	SSR20 - 4	SSR20 - 5	SR20 - 6
1 ½ NPT	SSR15 - 1	SSR15 - 2	SSR15 - 3	SSR15 - 4	SSR15 - 5	SSR15 - 6
1 ¼ NPT	SSR14 - 1	SSR14 – 2	SSR14 - 3	SSR14 - 4	SSR14 – 5	SSR14 – 6
1" NPT	SSR8 – 1	SSR8 – 2	SSR8 – 3	SSR8 – 4	SSR8 – 5	SSR8 – 6
¾ NPT	SSR75 - 1	SSR75 - 2	SSR75 - 3	SSR75 - 4	SR75 – 5	SSR75 - 6
½ NPT	SSR50 - 1	SSR50 - 2	SSR50 - 3	SSR50 - 4	SSR50 - 5	SSR50 - 6
3/8" NPT	SSR37 - 1	SSR37 - 2	SSR37 - 3	SSR37 - 4	SSR37 - 5	SSR37 - 6
¼ NPT	SSR25 - 1	SSR25 - 2	SSR25 - 3	SSR25 - 4	SSR25 – 5	SSR25 – 6
Tube	SSR10 - 1	SSR10 - 2	SSR10 - 3	SSR10 - 4	SSR10 - 5	SSR10 – 6

Small Brass Probe Part Numbers – any Float

Top Row is Float Type SS means – Stainless Steel 316

Fitting	1" SS	1" Buna	1" PP	1" Interface	¾ ss	Kynar
2" NPT	SBR20 - 1	SBR20 - 2	SBR20 - 3	SBR20 - 4	SBR20 - 5	SBR20 - 6
1 ½ NPT	SBR15 - 1	SBR15 - 2	SBR15 - 3	SBR15 - 4	SBR15 - 5	SBR15 - 6
1 ¼ NPT	SBR14 - 1	SBR14 – 2	SBR14 - 3	SBR14 - 4	SBR14 – 5	SBR14 – 6
1" NPT	SBR8 – 1	SBR8 – 2	SBR8 – 3	SBR8 – 4	SBR8 – 5	SBR8 – 6
¾ NPT	SBR75 - 1	SBR75 - 2	SBR75 - 3	SBR75 - 4	SBR75 – 5	SBR75 - 6
½ NPT	SBR50 - 1	SBR50 - 2	SBR50 - 3	SBR50 - 4	SBR50 - 5	SBR50 - 6
3/8" NPT	SBR37 - 1	SBR37 - 2	SBR37 - 3	SBR37 - 4	SBR37 - 5	SBR37 - 6
¼ NPT	SBR25 - 1	SBR25 - 2	SBR25 - 3	SBR25 - 4	SBR25 – 5	SBR25 – 6
Tube	SBR10 - 1	SBR10 - 2	SBR10 - 3	SBR10 - 4	SBR10 - 5	SBR10 – 6

Selection Process

1) Choose process connection and then the corresponding float part number - eg. SSR20 - 1 = SSR20 (2" NPT) - 1 (1" SS float)

2) Determine levels and location (from 1 to 4) per drawing - add the state (see next) of each level e.g. SSR20 - 1 - 10A - 15A - 20B - C

- Choose the "state(s)" in the dry position or when holding it in your hand with wires facing up
  - N/O (normally open "A") switch closes on rise and opens on fall
- N/C (normally closed "B") switch opens contact on rise and closes on fall

3) Choose the unit of measure - "C" for inches and "D" for millimeters - and add to the end of the part number

The Example below is a:

SSR20 - 1 - 10A - 15A - 20B - C = SS body - 2" NPT - 1" SS floats - L1 = 10" N/O - L2 = 15" N/O - L3 = 20" N/C

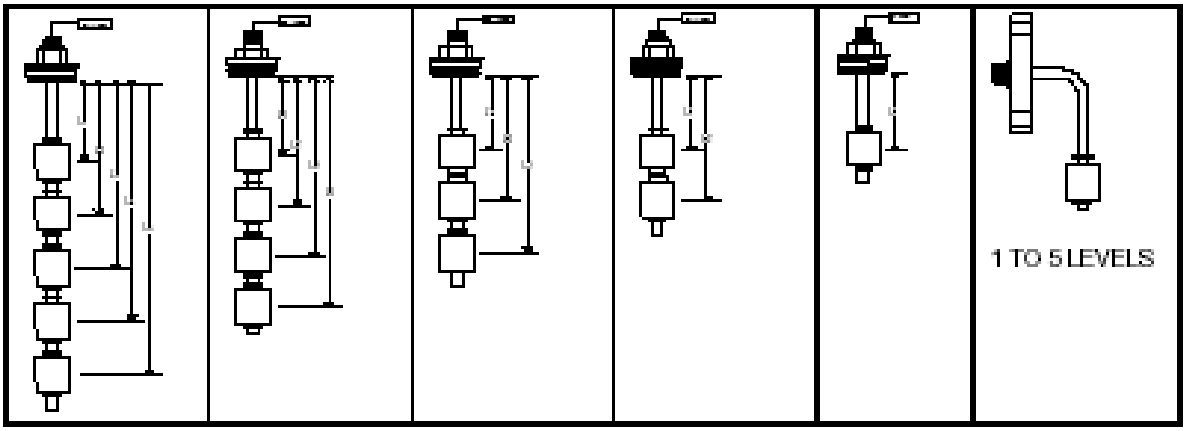
Or:

SBR50 - 4 - 6A - 18A - 36B - D = Brass body - 1/2" NPT - 1" buna floats - L1 = 6 mm N/O - L2 = 18 mm N/O - L3 = 36 mm N/C

- ✓ Minimum distance between switch points - using 1 float / two switches is 1/4" (bottom switch will be N/C - upper will be N/O)
- ✓ Minimum distance between stations = 1 3/4"
- ✓ 1 " of stem length is required below the last level

Custom Multi Level Series – PVC

Economical solutions for some acids and water
If you don't see it – ask



To Order:

- ✓ Select the fitting size from the left row
- ✓ Select the number of stations to the right
- ✓ Specify switch points and state (N/O or N/C dry) for each level

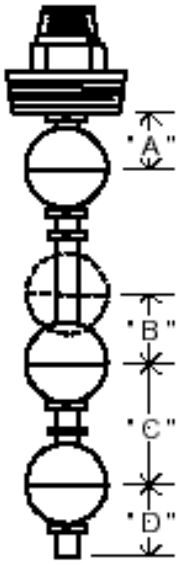
Fitting	1 Station	2 Station	3 Station	4 Station	5 Station	Switch points
3" Flange	SP3F - 1	SP3F - 2	SP3F - 3	SP3F - 4	SP3F - 5	L1 = ____" N/
2" Flange	SP2F - 1	SP2F – 2	SP2F – 3	SP2F – 4	SP2F - 5	L2 = ____" N/
2" NPT	SP20 - 1	SP20 – 2	SP20 – 3	SP20 – 4	SP20 – 5	L3 = ____" N/
½" NPT	SP05 - 1	SP05 – 2	SP05 – 3	SP05 – 4	SP05 – 5	L4 = ____" N/
¼" NPT	SP25 - 1	SP25 – 2	SP25 – 3	SP25 – 4	SP25 – 5	L5 = ____" N/
Tube	SP - 1	SP - 2	SP - 3	SP - 4	SP - 5	2.5" after last float

Temperature - 100 Deg. F
Pressure – 40 psi
Switch Rating – 250 VAC/DC at 0.5 amps resistive carry 2 amps

Minimum distance between floats – 3" unless one float is used for two stations – then bottom is N/C and top is N/O – distance can be ¼ +/-

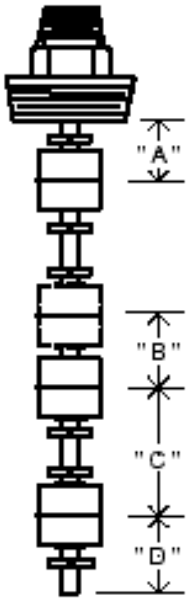
For a 90 deg. Bend add suffix R eg. SPR2F – 1 is 2" flange with one station

Minimum Dimension For Multi Level Switches



Large Size Minimum Dimensions

A = 1 1/2" with 2" floats from the thread
B = 1/4" using one float for two stations
note: bottom must be N/C top N/O
C = 3" minimum distance between levels
D = 2" distance from bottom of probe



Small Size Minimum Dimensions

A = 3/4" with 1" floats from the thread
B = 1/8" using one float for two stations
note: bottom must be N/C top N/O
C = 1 3/4" minimum distance between levels
D = 1" distance from bottom of probe

PVC:

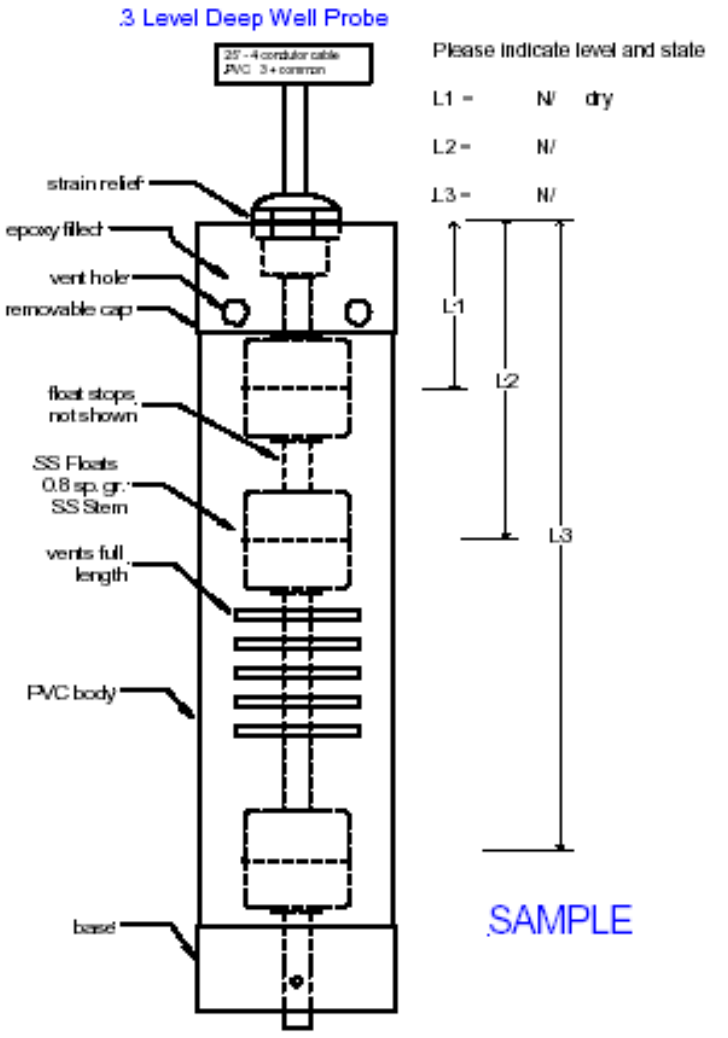
A = 1 ½
B = ¼
C = 3 ¼
D = 2 ¼

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Toll Free: 1-800-595-0514, controls@cancoppas.com www.cancoppas.com

Deep Level Probe with 1 to 4 Switch Points

The probe is lowered into a well or similar vessel on a 25' (other lengths optional) cable to the required depth. The level can then be accurately detected or even controlled between the set points of the switches. The probe can simply be used as an alarm to indicate rising fluid. Interface floats are available to detect hydrocarbons on water a customer specified set points.

Call with requirements a drawing will be returned for approval. Model shown has 3 switch points and 25' of cable.





Switch Rating	250 VAC/Dc @ 0.5A resistive carry 2
Protective Shell	PVC 1 ¼ pipe size
Cable	SJOW , SJJOW, PVC options

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