



*Float Switch Range*



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Float Switches are available in the following styles:

- As single switches for 'High' fuel level indication as shown above, working in conjunction with the FEL Valves range of Tank Overfill Alarms whereby an audible and visual alarm is generated by detection of a high fuel level within a tank using a standard make on rise float switch assembly. Also shown above is a 'Bund' float switch with flexible lead, Ref 20-274.
- Twin float switches, can provide 'High' and 'Low' switch points for indirect pump start/pump stop applications or to provide pre-set alarm indications, perhaps for overfilling and fuel reorder points.
- Four float assemblies usually provide a combination of alarm and pump start/pump stop functions, whereby the lower and upper floats give Low Low and High High indication.



Customers may choose between 'Make on Rise' or 'Make on Fall' switch orientation together with the switch point dimensions taken from the top of the tank into which the float switches are to be installed.

FEL Float switches are manufactured to a robust design, using stainless steel stem, floats and float stops and a brass process connector with 1" BSPP or NPT male thread. The terminal housing is of cast aluminium to IP67, whilst the internal switches have a standard rating of 1.0amp 230V ac.

The maximum switch depth is 3000mm.

Customers should also specify where float switches are to be used on inductive loads, as back EMF protection may be required.

FEL float switches can be made suit individual customer requirements for switch rating, orientation, switch depth and materials of construction, please enquire for further information.

FEL Valves Product Code	General Description
<b>20-270</b>	Single switch for High Fuel level Indication usually at 200mm below top of tank.
<b>20-270/2</b>	Twin float switch assembly, customer to specify switch point dimensions.
<b>20-270/4</b>	Four float switch assembly, customer to specify switch point dimensions.

# Float Switch Questionnaire for Single, Twin or Four Float Assemblies

FIRST FLOAT MINIMUM 65MM, 40MM MINIMUM BETWEEN FLOATS, ADD 35MM AFTER LAST FLOAT.

Customer:	
Customer O/N:	
Enquiry Date:	
BSP or NPT Thread	
Inductive Load?	
Fluid:	
Temperature:	

Switch	Switch Depth	Make on Rise	Make on Fall
1			
2			
3			
4			
Maximum Depth			
Tank Depth			

**Customers to specify:**  
**Depth in mm,**  
**Switch orientation**  
**Number of float switches required.**

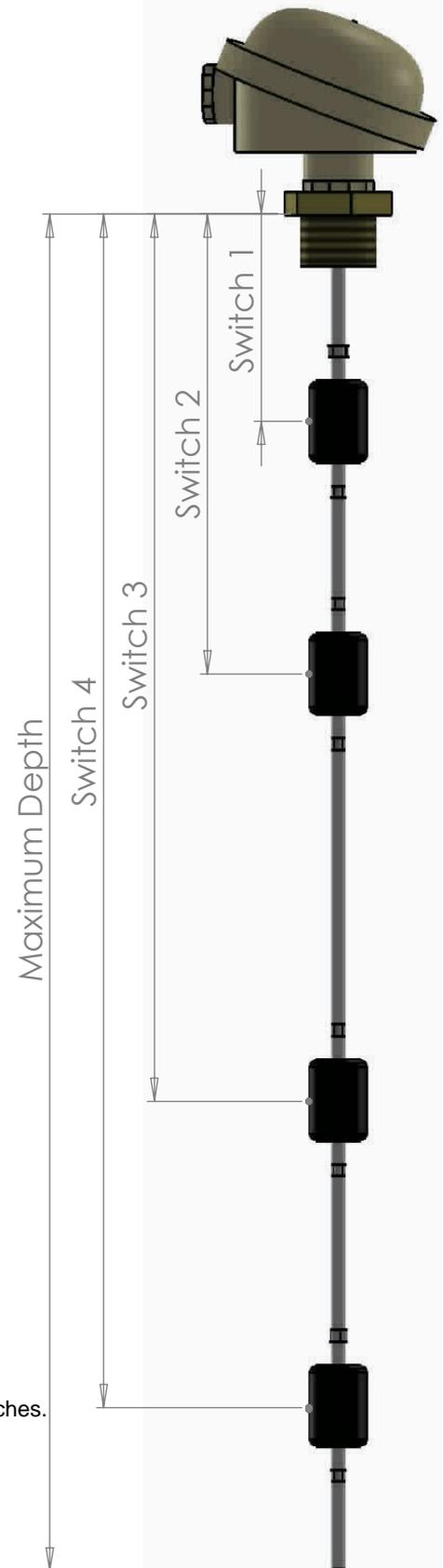
## Standard Float Switch Construction

- IP67 Aluminium Terminal Housing
- M20 Cable Gland
- 1" BSP or 1" NPT Brass Process Connection
- 316 Stainless Steel Tube
- NBR Floats
- 316 Stainless Steel Float Stops
- 1 amp Switch Rating

**\*Important\***

Please be advised that we will do our best to be as accurate as possible on each of the switches.

It's important to be advised that the switch depth might have a variance of **5mm +/-**



Manufacturing Date:	
FEL Sales Number:	

