RSF166 Series

Dual Switch Point Series - External Mount

- ***External Mount via compression seal***
- ***High & Low level switching***
- ***PPS material***
- ***Versions for Filling or Emptying Control***
- ***UL recognised components File No. E171218***
- ***WRAS Approved***

Technical Specification (Common to both Single and Double Float versions)

Mechanical		**Electrical**	
Material	PPS	Switching power VA max.	25
Colour	Grey	Switching Voltage AC max	240
Temp. Range* °C	-10 / +85	Switching Voltage DC max	120
°F	+14 / +185	Switching Currant max A	0.6
Minimum Liquid SG	0.85	All electrical ratings are for resistive loads only.	
Standard cable length	100cm		

*** Temperature ranges refer to wetted parts.**

Standard Parts Single Float Versions		**Upper switch Level**	**Lower switch Level**	**Total length**
RSF166A25B75		30mm	75mm	102mm
RSF166A25B100		30mm	100mm	127mm
RSF166A25B125		30mm	125mm	152mm
RSF166A25B150		30mm	150mm	177mm
RSF166A25B175		30mm	175mm	202mm
Dual Float Versions				
RSF166A50A100	Emptying Control	50mm	100mm	134mm
RSF166A50A150	Emptying Control	50mm	150mm	184mm
RSF166B50B100	Filling Control	50mm	100mm	127mm
RSF166B50B150	Filling Control	50mm	150mm	177mm

Custom versions can be made for particular applications. Please contact Cynergy3 with your requirements.

The RSF166 float switch series is designed to offer a number of switching options to meet a variety of system requirements.

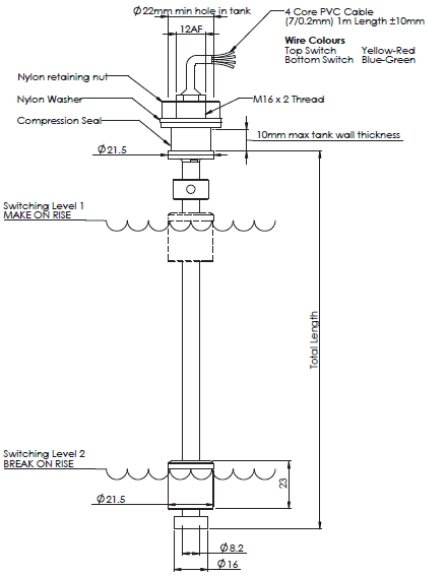
These are manufactured in PPS (Polyphenylene Sulphide) , which are compatible with a wide range of liquids, and are mounted externally via a nitrile compression seal and a 22mm dia hole in the tank.

The single float types are generally used in systems with PLC control of processes.

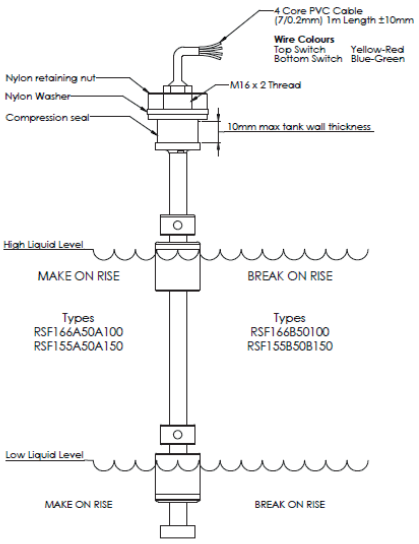
The dual float versions can be used for controlling the filling or emptying of tanks via electromechanical relays.

Mechanical Dimensions

Single Float Versions



Dual Float Versions



Cynergy3 Components Ltd.
7 Cobham Road
Ferndown Industrial Estate
Wimborne, Dorset BH21 7PE
Telephone +44 (0) 1202 897969

Email:sales@cynergy3.com

ISO9001 CERTIFIED

RSF166 2018

Made in the UK

www.cynergy3.com

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