

Compact Size	Order Code	Price Each			
		1+	10+	25+	50+
Nylon	151-643	682.00	634.00	580.00	576.00
Polypropylene	151-644	791.00	692.00	672.00	630.00
Polysulfone	607-320	775.00	721.00	659.00	654.00
PPS	732-709	1,088.00	951.00	870.00	816.00
Standard size	146-300	1,177.00	1,029.00	941.00	938.00

Horizontal Float - RSF70 Series

External Fitting



- UK Water Research Council Approved
- UL Recognised
- Rotate 180°, rise or fall to operate

L=88 (overall), 55 (actuator),
Mounting hole dia.=23.0,
Max. wall thickness=4.0, Leads L=0.5m

Horizontal liquid level switches similar to RSF40 (Compact) Series, but incorporating a compression seal to permit fitting from outside the vessel. SPST switch action using reed switch.

	730-609	730-610	732-722
Max. switching voltage	240V ac, 120V dc	240V ac, 120V dc	500V ac, 1000V dc
Max. switching current	0.6A	0.6A	1A
Max. power	25W	25W	25W
Min. S.G. of liquid	0.85	0.85	0.85
Material	GFS Nylon	GFS Polypropylene	PPS
Temperature range	-20°C to +75°C	-20°C to +100°C	-10°C to +120°C
Case colour	Black	Opaque	Grey

	Mfrs. List No.	Order Code	Price Each		
			1+	10+	25+
GFS Nylon	RSF73Y050RM	730-609	944.00	826.00	755.00
GFS Polypropylene	RSF74Y050RM	730-610	1,008.00	882.00	806.00
PPS	RSF76Y050TV518	732-722	1,138.00	996.00	910.00

Vertical Float - RSF50 Series



- UL recognition on N/O contact versions
- High 25W rating on N/O versions
- Float reversal, rise or fall to operate (N/O versions)
- Nylon, polypropylene or PPS (polyphenylene sulphide) body
- Normally open or changeover contacts
- PPS type withstands continuous exposure to boiling water
- PPS type gives good chemical and water absorption resistance

H=70 (overall), 44 (inside vessel)
Float dia.=27, Mtg. hole dia.=12.2
Cable L=1m

	730-646	730-658	730-660	730-671	732-710
Contacts	N/O (Form A)	C/O (Form C)	N/O (Form A)	C/O (Form C)	N/O (Form A)
Case material	Nylon	Nylon	Polypropylene	Polypropylene	PPS
Switching current @ 0-30V	0.6A ac/ 0.5A dc	--	0.6A ac/ 0.5A dc	--	0.6A ac/ 0.5A dc
Switching current 120V	0.2A ac/ 0.15A dc	--	0.2A ac/ 0.15A dc	--	0.2A ac/ 0.15A dc
Switching current 240V	0.1A ac	--	0.1A ac	--	0.1A ac
Max. switch current	--	0.25A	--	0.25A	--
Max. switch voltage	--	48V ac/28V dc	--	48V ac/28V dc	--
Max. power	25VA	3VA	25VA	3VA	25VA
Min. S.G. of liquid	0.80	0.80	0.80	0.80	0.80
Temperature range °C	-20 to +75	-20 to +75	-20 to +100	-20 to +100	-10 to +120
Case colour	Black	Black	Opaque	Opaque	Grey

	Mfrs. List No.	Order Code	Price Each		
			1+	10+	25+
Nylon N/O	RSF53Y100RC	730-646	877.00	767.00	701.00
Nylon C/O	RSF53V100MC	730-658	916.00	802.00	733.00
Polypropylene N/O	RSF54Y100RC	730-660	1,030.00	901.00	824.00
Polypropylene C/O	RSF54V100MC	730-671	971.00	850.00	777.00
PPS N/O	RSF56Y050TB516	732-710	1,037.00	908.00	830.00

Vertical Float



- Liquid level float switch for vertical mounting, suitable for either high or low level indication
- Suitable for use in fresh and salt water, diesel oil, paraffin and various dilute acid and alkaline solutions

The units are supplied with normally open contacts, but by inverting the float bobbin the contacts become normally closed. Supplied with a 1m PVC cable.

Max. switching current	1A
Max. switching voltage	240V ac, 300V dc
Max. switching power	24VA
Min. S.G. of liquid	0.80
Temperature range	-10°C to +75°C
Case Material	Polypropylene

L=48 (overall), Mtg dia = 3/8",
Float travel = 9.5, Float dia = 25

Order Code	Price Each			
	1+	25+	100+	250+
103-846	1,004.00	870.00	770.00	717.00

Stainless Steel, Vertical Float

Horizontal/Vertical Mounting



Mounting hole dia. = 10, Leads L = 0.3m

Switching Capacity	50W	Min. S.G. of liquid	0.75
Switching Voltage	240V ac/200V dc	Case material	Stainless steel 304
Switching/Carry current	0.5A/1A	Operating pressure	10 Bar
Operating temperature	-10°C to +120°C (intermittant to 200°C)		

Type	Mfrs. List No.	Order Code	Price Each			
			1+	5+	10+	25+
Vertical mount	RF3001A/VFS30	730-180	4,236.00	4,024.00	3,556.00	3,379.00
Horizontal mount	RF3002A/HFS30	730-191	5,436.00	5,165.00	4,621.00	4,388.00

Level Regulators - LR01 and LR02

5m, 10m, 20m cable



Float: L=170, Dia.=90

Sealed float chamber in synthetic rubber housing. Float swings vertically about weight. Contacts change state as liquid level falls or rises.

Contact rating	LR01 = 90V, 6A	LR02 = 250V, 5A
Max. temperature	70°C	
Specific Gravity	0.80 to 1.3	
Max. submerged depth	20 metres	
Actuation	LR01 : Internal mercury level switch LR02 : Internal roller ball and microswitch arrangement	
Position of weight	Fixed, 120mm from float	

WARNING: MERCURY SWITCHES SHOULD NOT BE OPENED

Cable Length	Mfrs. List No.	Order Code	Price Each			
			1+	5+	10+	25+
Mercury Regulators						
5m	LR01-L05M	706-2539	3,525.00	3,030.00	2,786.00	2,709.00
10m	LR01-L10M	706-2540	4,061.00	3,491.00	3,209.00	3,121.00
20m	LR01-L20M	706-2552	5,134.00	4,413.00	4,057.00	3,946.00
Non-mercury Regulators						
5m	LR02-L05M	706-3830	3,525.00	3,030.00	2,786.00	2,709.00
10m	LR02-L10M	706-3842	4,061.00	3,491.00	3,209.00	3,121.00
20m	LR02-L20M	706-3854	5,134.00	4,413.00	4,057.00	3,946.00

Level Regulators - LR03, LR06, LR07

PVC, PUR and EPDM cable



Sealed float chamber in plastic housing with PVC cable. The float swings vertically about a weight attached to the cable or the cable attachment point on the side of the vessel, which causes the contacts to change as the liquid level drops or rises.

Float: L=103, W=81 Weight: L=57, Dia.=50

Change over contacts, three core cable available with:
 ● LR03, PVC cable for general use
 ● LR06, PUR cable for use in DIESEL OIL
 ● LR07, WRAS Approved EPDM cable for use in POTABLE WATER

- Easy to install and inexpensive
- Non mercury construction
- Trouble-free operation
- Optional adjustable ballast weight
- Non-mercury level regulator