

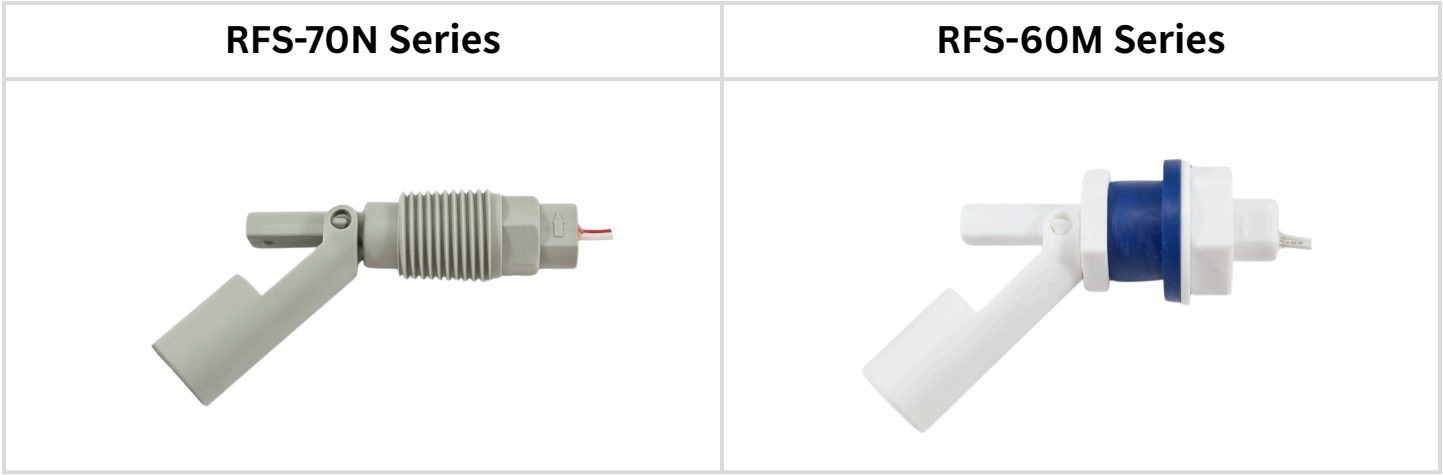
PRODUCT CATALOG



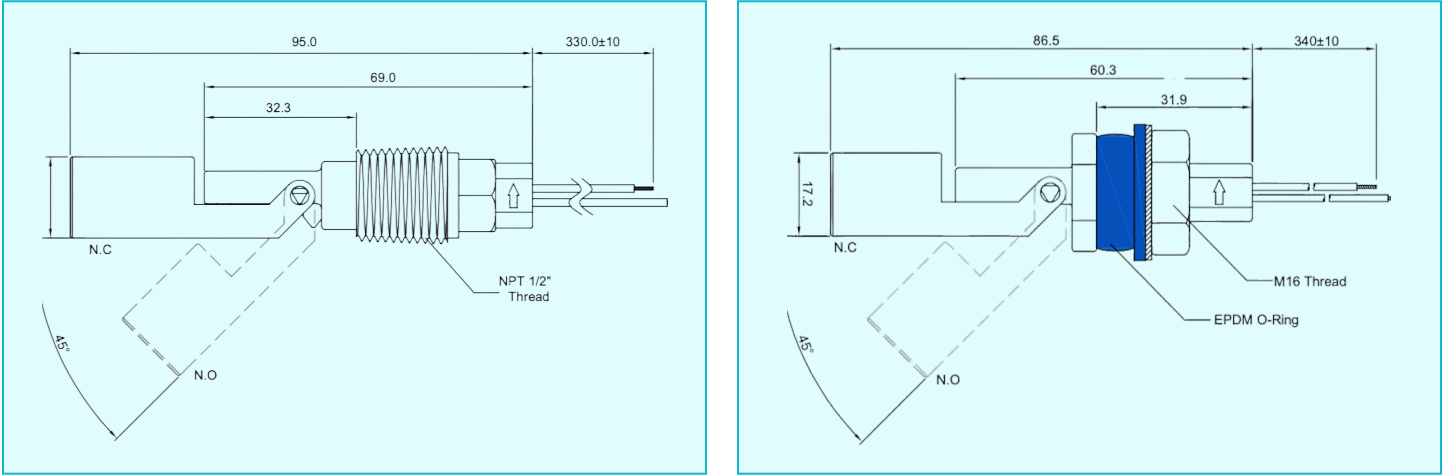
HORIZONTAL MOUNT FLOAT SENSOR

MADE IN TAIWAN

WWW.RICHTECH.COM.TW



◆Dimensions



◆Switch Specifications

Description	Type	Normal power		High Power
Contact Rating Max		10W SPST		70W SPST
Switching Voltage Max		200 VDC		250VAC / 200VDC
Switching Current Max		500mA		1000mA
Carry Current Max		1A		1.75A
Lead Wire		UL 1007 AWG 24 PVC		UL 1007 AWG 24 PVC
Operating Temperature		-20 ~ 90℃	-20 ~ 100℃	-20 ~ 70℃
Material		PP	PVDF	ABS
Suitable Specific Gravity		0.52	0.92	0.69

CHEMICAL RESISTANCE

● Excellent ◎ Good △ Fair × Corroded

Chemical	Concentration	Temp		Plastic			Stainless	
	%	°C	°F	PVC	PP	PVDF	304	316
Ammonia Water NH ₄ OH	10	40 104 80 176		●	◎ ◎	◎ ◎		
Aque Regia 3HCl+HNO ₃	10	40 104 80 176		△	△	◎ ◎		
Benzene C ₆ H ₆	Pure	40 104 80 176		×	△	◎ △		
Bleaching Liquor Ca(ClO) ₂	5	40 104		●		◎		
	5	80 176				◎		
	20	40 104		●		◎		
	20	80 176				◎		
Boric Acid H ₃ BO ₃	Satu	40 104		●	◎	◎		
		80 176			◎	◎		
Brine		40 104		●	◎	◎		
		80 176			◎	◎		
Butadiene CH ₂ =CH=CH=CH ₂	Gas	40 104		◎		◎		
		80 176				◎		
Butane CH ₃ (CH ₂) ₂ CH ₃	Gas	40 104		◎	◎	◎		
		80 176			◎	◎		
Nitric Acid HNO ₃	10	40 104		◎	◎	◎	◎	◎
	10	80 176		×	◎	◎	◎	
	30	40 104		◎	◎	◎	◎	◎
	30	80 176		×	◎	◎	◎	
	50	40 104		◎	◎	◎	◎	◎
	50	80 176		×	×	◎		
	70	40 104		◎	×	◎	◎	◎
	70	80 176		×		◎		
	98	40 104				◎		
	98	80 176						
Oxalic Acid HO ₂ CCOOH	20	40 104		◎	◎	◎		△
	20	80 176			◎	◎		
	50	40 104		◎	◎	◎		△
	50	80 176			◎	◎		
Phosphoric Acid H ₃ PO ₄	10	40 104		◎	◎	◎	◎	◎
	10	80 176			◎	◎	◎	◎
	50	40 104		◎	◎	◎	◎	◎
	50	80 176			△	◎	◎	◎
	80	40 104		◎	◎	◎	◎	◎
	80	80 176			△	◎	◎	◎
Sodium Hydroxide NaOH	15	40 104		◎	◎	◎	◎	◎
	15	80 176			◎	△	×	×
	30	40 104		◎	◎	◎	◎	◎
	30	80 176			◎	△	×	×
	50	40 104		◎	◎	◎	◎	◎
	50	80 176			◎	×	×	×
	70	40 104		◎	◎	◎		
	70	80 176			◎	×		

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Chemical	Concentration	Temp		Plastic			Stainless	
	%	°C	°F	PVC	PP	PVDF	304	316
Sodium Hypochlorite NaClO	3	40	104	●	◎	●	△	◎
	3	80	176					
	5	40	104	●	◎	●	△	◎
	5	80	176					
	7	40	104	●	△	●	×	×
	7	80	176					
	10	40	104	●	△	●	×	×
	10	80	176					
	13	40	104	●	△	●	×	×
	13	80	176					
Sulfuric Acid H ₂ SO ₄	10	40	104	●	●	●	●	●
	10	80	176		●	●	◎	◎
	30	40	104	●	●	●	×	×
	30	80	176		●	●	×	×
	50	40	104	●	●	●	×	×
	50	80	176		●	●	×	×
	60	40	104	●	●	●	×	×
	60	80	176		◎	●	×	×
	70	40	104	●	●	●	×	×
	70	80	176		◎	●	×	×
	80	40	104	●	●	●	×	×
	80	80	176		◎	●		
	90	40	104	◎	●	●	×	×
	90	80	176		◎	●		
	98	40	104	△		●		
	98	80	176			△		
Toluene C ₆ H ₅ CH ₃		40	104		△	△		
		80	176					
Chlorine Gas Cl ₂	Wet	40	104	◎		●		
	Wet	80	176			△		
	Dry	40	104	●		●		
	Dry	80	176			●		
Chromic Acid H ₂ CrO ₄	10	40	104	●		●		
	10	80	176			●		
	20	40	104	△		●		
	20	80	176			●		
	40	40	104	△		●		
	40	80	176			●		
	50	40	104	×		●		
	50	80	176			△		
Hydrochloric Acid HCl	15	40	104	●	●	●		
	15	80	176		●	●		
	25	40	104	●	●	●		
	25	80	176		●	●		
	35	40	104	●	●	●		
	35	80	176		◎	●		
	38	40	104	●	●	●		
	38	80	176		◎	●		

CHEMICAL RESISTANCE

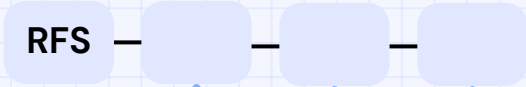
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Chemical	Concentration	Temp		Plastic			Stainless	
	%	°C	°F	PVC	PP	PVDF	304	316
Citric Acid C ₆ H ₈ O ₇	10	40 104 80 176		●	● ◎	● ●	●	●
Gasoline	10	40 104 80 176		●		● ●		
Diesel Fuels		40 104 80 176				● ●	● ●	● ●
Ethyl Alcohol C ₂ H ₅ OH	Pure	40 104 80 176		●	● ◎	● ●	◎	◎
Formic Acid HCOOH	90	40 104 80 176		◎	◎	● ●		
Hydrofluric Acid HF	Dilute	40 104		●	◎	●		
	Dilute	80 176			◎	●		
	30	40 104		◎	◎	●		
	30	80 176		×	◎	●		
	40	40 104		△	◎	●		
	40	80 176			◎	●		
	50	40 104		△	◎	●		
	50	80 176			◎	●		
Hydrogen peroxide H ₂ O ₂	5	40 104		●	●	●	◎	●
	5	80 176			◎	●		
	20	40 104		●	●	●		
	20	80 176			◎	●		
	30	40 104		◎	◎	●		
	30	80 176			△	●		
	50	40 104		△	×	●		
	50	80 176				●		
	90	40 104				●		
	90	80 176				●		
Isopropyl Alcohol (CH ₃)CHOH	Pure	40 104 80 176		●	●	●		
Kerosene		40 104 80 176		●	◎	● ●		
Methyl Alcohol CH ₃ OH		40 104 80 176		◎	● ◎	● ●		
Methyl Ethyl Ketone CH ₃ COC ₂ H ₅		40 104 80 176			△			
Potassium Chromate K ₂ CrO ₄		40 104 80 176		●	● ◎	● ●		

Order Information

H-Mount Float Switches

RFS



Type :

60M = M16

70 N = NPT 1/2"

Contact Rating :

0 = 10W

1 = 70W, High-powered

Material :

PP = PP

PF = PVDF

AB = ABS