

Mini Cable Float Switch

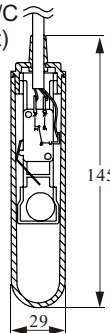
Operational Principle

Cable float level switch is a simple designed, user friendly, and reliable liquid level detecting device. It uses micro switch, proximity switch, and reed switch as switching contacts. When float is lifted or lowered to the preset angle, switch will send out on/off signal.

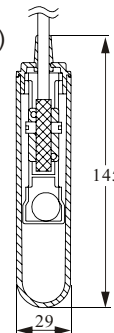
Other than applying in normal liquid application, cable float level switch is very suitable for controlling long range detection, multi-point detection, liquid with impurities. It is widely utilized in chemical, petrochemical industries.



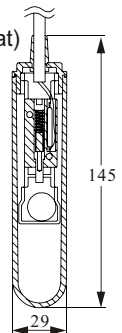
Micro Switch
Order No. FAL A/B/C
FAM A/B/C
(P.P. float)



Proximity Switch
Order No. FAG N/P
FAH N/P
(P.P. float)



Reed Switch
Order No. FAJ A/B
FAK A/B
(P.P. Float)



Specification

Float Material	PP	Pressure	4.5 kg/cm ²
Specific Gravity	≤ 0.8	Protection	IP-68

Switch	Micro Switch	Proximity Switch	Reed Switch
Model	FAL A/B/C---PVC FAM A/B/C---Neoprene	FAG N/P---PVC FAH N/P---Neoprene	FAJ A/B---PVC FAK A/B---Neoprene
Contact Rating	3A 125/250 VAC	100 mA / 10~30 VDC	AC70(VA) / DC50(W)
Contact Form	NO, NC or SPDT	NPN or PNP	NO
Cable Spec	PVC(0.75mm ² x3C) or Neoprene	PVC(0.75mm ² x3C) or Neoprene	PVC(0.75mm ² x3C) or Neoprene
Switch Voltage	600 VAC	500 VAC	300 VAC / 350 VDC
Isolation Resistance	Min 100 MΩ	Min 100 MΩ	Min 10 ¹⁰ Ω
Contact Resistance	Min 100mΩ		Min 100mΩ
Operating Temp.	0~60°C(PVC)----- Liquid State -10~80°C(Neoprene)Liquid State	0~60°C(PVC)----- Liquid State -10~80°C(Neoprene)Liquid State	0~60°C(PVC)----- Liquid State -10~80°C(Neoprene)Liquid State
Actuation Angle	Up18°±4° / Down3°±3°	Up18°±4° / Down3°±3°	Up18°±4° / Down3°±3°
Weight Approx.	113±2g/1mCable	117±2g/1mCable	115±2g/1mCable

※ For PLC and DCS usage, we recommend to use the REED switch.