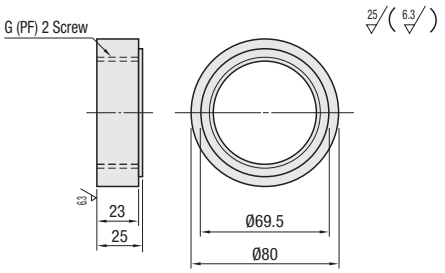
Weld-On Sockets for Heater, Float Switches

Horizontal, Vertical

■Weld-On Sockets for Heater

RoHS 10

MSHTS (PF Thread)



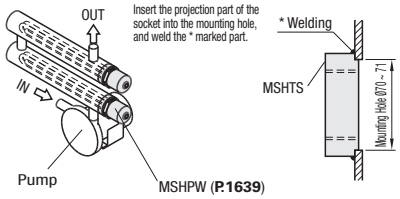
Material: SUS304

■Weld-On Sockets

Part Number / Type	Unit Price
MSHTS	

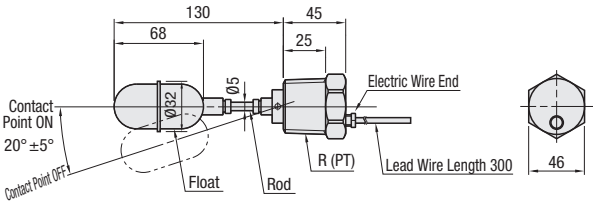
Ordering Example — Part Number: MSHTS

Example

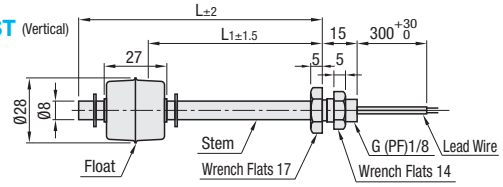


■Float Switches

FLOSK (Horizontal)



FLOST (Vertical)



Material: Rod - Stem - Float Portion: SUS304

■Specifications FLOSK

Usage	Water, Oil, General Liquid
Operating Range (Specific Gravity)	0.8 or More
Pressure Resistance	0.49MPa
Heat Resistance Temperature	-20°C~80°C
Contact Capacity	10W DC/AC
Contact Type	Contact Point

■Specifications FLOST

Usage	liquid such as water, oil and other
Operating Range (Specific Gravity)	0.8 or More
Pressure Resistance	1MPa
Heat Resistance Temperature	0°C~120°C
Contact Capacity	50W DC/AC
Contact Type	Contact Point

Part Number Type	No.	R (PT) /G (PF)	Lead Wire Length	L	L1	Mass (g)	Unit Price 1 ~ 3 pc (s).
FLOSK	80	R1 1/4	300	-	-	500	
FLOST	2	G1/8		200	170	65	
	3			300	270	85	
	4			400	370	105	

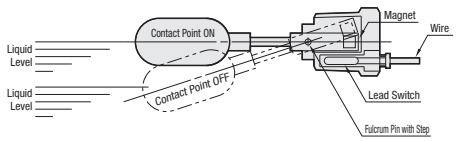
For orders larger than indicated quantity, please request a quotation.

Ordering Example — Part Number: FLOSK80, FLOST2

■Principle of Operation

●FLOSK (Horizontal)

The float moves according to changes in the liquid level. When the magnet comes close to the reed switch (high liquid level), the reed switch will be activated. When the liquid level falls, the contact point will be off again.



●FLOST (Vertical)

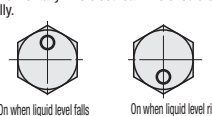
As the liquid level falls and the upper part of the float reaches L1, the contact point turns off.
The contact point is where the upper part of the float overlaps with the L1 dimension.

■Features

- These switches are designed as alarm or signal of water-level for liquids such as water and oil.
- By combining with a power supply interrupt circuit, it can be used as safety circuit to prevent liquid heaters from dry-running.

■Cautions on Installation (FLOSK)

Install horizontally. The electrical wire should exit vertically.



- Confirm that there is no liquid leakage before use.
- Avoid installing in places where the float cannot move smoothly.
- When pouring liquid, do not splash it on the body of this product.
- After the wires are connected, observe the liquid level with eyes and confirm the output before actual use.

■Cautions on Installation (FLOST)

Float may not move properly when mounted diagonally.