

► **Float Sensor**

FS8-99 V / H / T Series

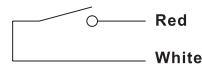


► **Switch Specifications of 99 V / H / T Series**

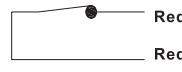
Characteristics	Contact Type	Unit	(1) High Power	(2) Normal Close	(3) Change Over
· Switched Power (max)		W	70	5	5
· Switched Voltage DC (max)		V	200	175	175
· Switched Voltage AC,RMS value (max)		V	250	125	125
· Switched Current DC (max)		mA	1000	400	400
· Switched Current AC,RMS value (max)		mA	1000	280	280
· Contact Resistance (initial max)		mΩ	90	140	140
· Insulation Resistance (min)		MΩ	10 ⁶	10 ³	10 ³
· Operate Time -		ms	0.35	1.0	1.0
· Operating ambient		°C	-55~70	-55~70	-55~70

► **Switch Types**

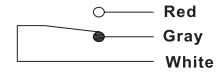
Table 1



1 : Normal Open - A Type
Hi Power



2 : Normal Close - B Type



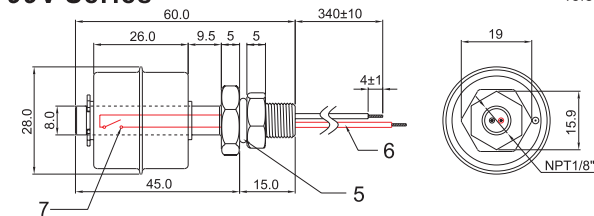
3 : Change Over C - Type

► **Dimensions**

Table 2

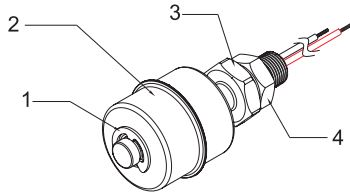
99V Series

Unit : mm Tolerance ±0.3



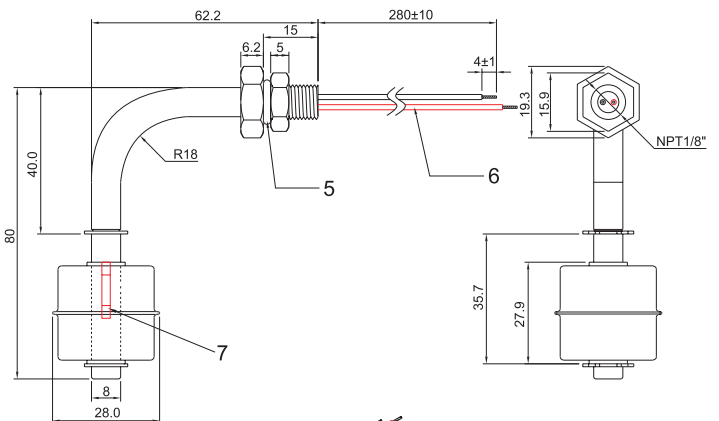
► **Structure**

- 1. C Ring
- 2. Float
- 3. Body
- 4. Nut
- 5. Waterproof spacer
- 6. Wire
- 7. Reed Switch



99T Series

Unit : mm Tolerance ±0.3



► **Float Specific gravity**

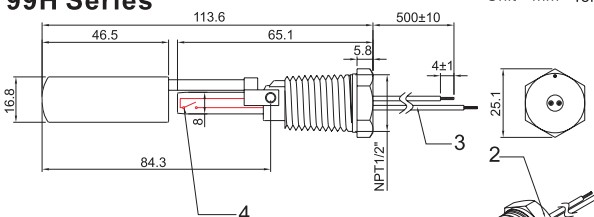
Serial	Value
99V / T	0.7
99H	0.74

► **Structure**

- 1. C Ring
- 2. Float
- 3. Body
- 4. Nut
- 5. Waterproof spacer
- 6. Wire
- 7. Reed Switch

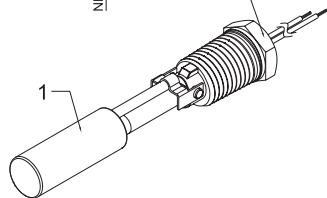
99H Series

Unit : mm Tolerance ±0.3



► **Structure**

- 1. Float
- 2. Body
- 3. Wire
- 4. Reed Switch



► **Float Specific gravity - 99V / T : 0.7 ; 99H**

► **Chemical Requirements**

Property Material	Carbon	Manganese,max	Phosphorus,max	Sulfur,max	Silicon,max	Nickel	ChromiumI
TP304	0.08	2.00	0.040	0.030	0.75	8.00	18.0

► **Wire Specifications**

Table 3

Material	Series	Description	Diagram
PVC or PVDF	Normal	Tinned leads	
PVC or PVDF	Cont	JST XH2.5	

► **Ordering Information**

A Complete part number is represented by the digits below :

FS8-99 - X N KKK X1-XX XX

- ① : Switch Type - Table 1 (1,2,3)
 - ② : Model Number - Table 2 (V,H,T)
 - ③ : Wire Specification - Table 3 - Material(PV=PVC ; PF=PVDF) - Series(NO= Normal ; CN=Cont)
- standard tube length

*The length can be custom made if the volume is tremendous.

☆☆☆ **The wires are not aligned at the end** ☆☆☆