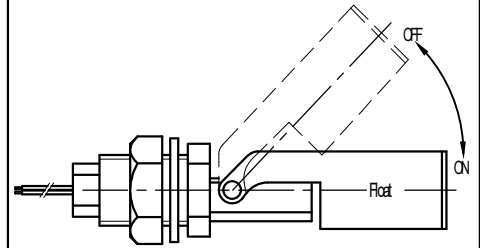
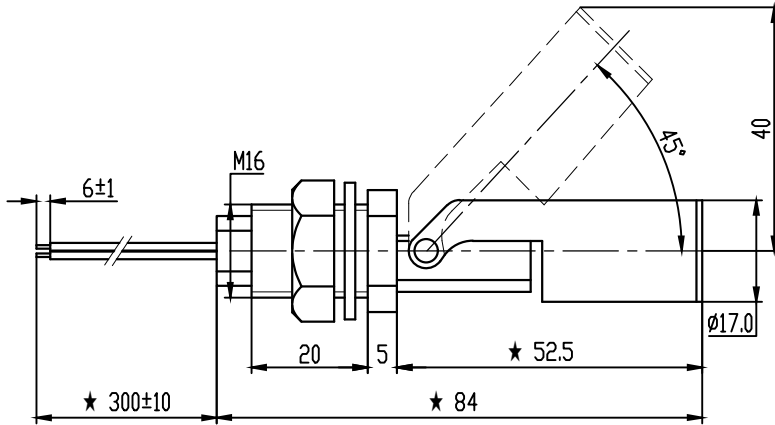


# specification

Customer		Name	Side mounted liquid level switch	Type	LR21-L0M3
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## Movement explanation



### Movement explanation

- 1 when the float is in  $10 \pm 5^\circ$ , the reed switch will be closed
- 2 when the float is in  $40 \pm 5^\circ$ , the reed switch will be open

BOM					Reed switch Electrical Specification			Product features	
Nb	Part name	Specification	Material	Quantity	1.Contact form	A(NO)	1.Float pressure[MPa]	0.1	
1	Float	$\varnothing 17.5 \times 51.5$	PP	1PC	2.Contact rating[V]	10	2.Applicable temperature[°C]	-10 ~ +65	
2	Float ball	L5	PP	1PC	3.Max switching voltage[V]	DC100/AC100	3.Withstand voltage	1000V/10S	
3	Cap nut	M16*28	PP	1PC	4.Breakdown voltage[V]	150VDC	4.Terminal tensile strength[N]	NA	
4	O-ring	$\varnothing 26.5 \times \varnothing 16.3 \times 2$	rubber	1PC	5.Max switching current[A]	DC0.5	5.The contact resistance[mΩ]	NA	
5	Gasket	—	—	—	6.Max carry current[A]	1.0	6. Insulation resistance [MΩ]	100min	
6	Wire	UL1007 22#black	PVC	300mm	7.Contact resistance[mΩ]	100max			
7	Filling	5321A Black+5322B	epoxy glue	—	8. Insulation resistance [Ω]	$10^8$ min			
8	Terminal	—	—	—	9.Get an electric shock life	$10^7$			
9	Housing	—	—	—					
10	Reed switch	324	Imported from Japan	1PC	designed by	Checked by	Drawing by	Drawing Date	
11	Circuit board	—	—	—					