

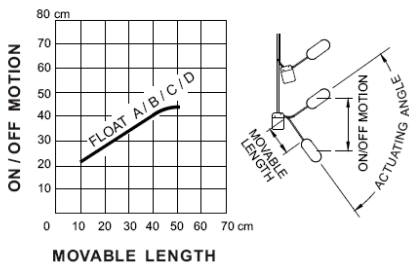
FEATURES

- LOW COST
- EASY TO INSTALL
- HIGH RELIABILITY
- RANGE ADJUSTABLE
- SUITABLE FOR EVERY TYPE OF LIQUIDS
- NON-MERCURY CONTAINED MEETS ENVIRONMENTAL REQUIREMENTS
- PRESSURE TEST UP TO 400KPa AT 20°C
- ANTI-REVERSED IMPERVIOUS SEALING

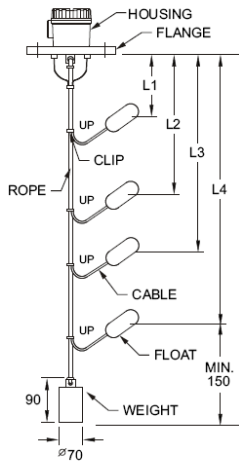
HOUSING SELECTION

ITEMS	SPECIFICATIONS	
	B	C
CODE	B	C
MATERIAL	ADC w/ Polyester epoxy painted	PC
CABLE ENTRY	1/2" or 3/4"NPT(F) or specified	PG16 or specified
ENCLOSURE	IP66 / EExe T3	IP65
EXTERNAL VIEW & DIMENSIONS (mm)		

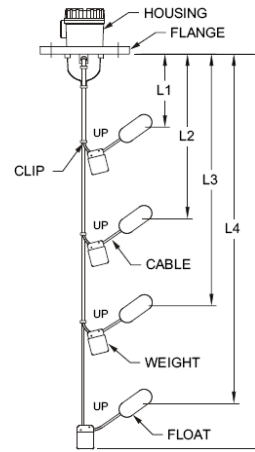
ON/OFF MOTION & MOVABLE LENGTH



506



507



FLOAT SELECTIONS

ITEMS	SPECIFICATIONS			
	A	B	C	D
FLOAT STYLE	A	B	C	D
FLOAT MATERIAL	ABS	PVC	PP	316SS (1.4571)
FLOAT DIMENSIONS	∅65X105mm			∅50X150mm
CONTACT ELEMENT	Micro sw (st'd) / Reed sw (option)			Reed switch
CONTACT FORM	SPDT for micro sw / SPST-NC, SPST-NO, SPDT for reed switch			
CONTACT RATING	10A 250V AC for Micro switch 3A 250V AC for reed switch			
CABLE MATERIAL	VCT / Hypalon / Rubber or specified			
CABLE SIZE	1.25mm ² for micro versions ; 0.75mm ² for reed versions			
OPERATING TEMP.	-10~50°C	0~60°C	-10~80°C depend on cable	-10~80°C depend on cable
SPECIFIC GRAVITY	≥ 0.6 for reed version ≥ 0.8 for micro version			≥ 0.7
PROTECTION RATING	IP68, The pressure test up to 400KPa at 20°C			
ACTUATING ANGLE	60°±2° (ON-OFF)			
WASTE WATER ≤30°C	pH5~9	pH2~12	pH2~12	pH5~9
SEAWATER	×	○	○	×
SLUDGE WATER WITH SOLIDS (pH7)	○	○	○	△
SEWAGE WATER WITH SLURRY (pH7)	○	○	○	△
HCL (15%, 60°C)	×	○	○	×
H ₂ SO ₄ (30%, 60°C)	×	○	○	×
HNO ₃ (30%, 60°C)	△	○	○	○
NaOH (30%, 60°C)	×	○	○	○
LIGHT / HEAVY OIL	×	△	△	○
TURBINE LUBE OIL	×	△	△	○

KEY: ○—Suitable · △—Practicable but may be faulted · ×—Unsuitable

System provider: LKS (M) SDN. BHD.

No.15, Jalan Anggerik Mokara 31/63, Kota Kemuning, Shah Alam, 40460 Selangor, Malaysia.

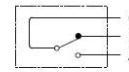
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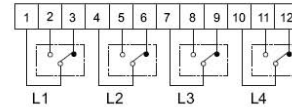
MODEL SELECTIONS		
ITEMS	CODE	SPECIFICATIONS
① MODEL	506	FLANGED HOLDER WITH A ROPE AND A COMMON WEIGHT UNIT
	507	UNITARY WEIGHT ASSEMBLED IN EACH CABLE FLOAT
② FLOAT MATERIALS	A	ABS FLOAT
	B	PVC FLOAT
	C	PP FLOAT
	D	316SS FLOAT
	E	OEM VERSIONS
③ NUMBERS OF FLOAT ASSEMBLY	-1	1 PC/SET (Single float)
	-9	9 PCS/SET
④ FORM / RATING OF CONTACTS	0	SPST -1a (NO)
	1	SPST -1b (NC)
	2	SPDT -1ab (NO/NC)
	3	To be specified
⑤ WEIGHT MATERIAL	0	Not required
	1	ABS coating
	2	PVC coating
	3	PP coating
	4	304SS (1.4301)
	5	316SS (1.4571)
⑥ ROPE MATERIAL	-A	Not required
	-B	PE
	-C	304SS (1.4301)
	-D	316SS (1.4571)
	-E	To be specified
⑦ CONNECTION	A	Not required
	B	3" ANSI 150lb Flange
	C	4" ANSI 150lb Flange
	D	To be specified
⑧ FLANGE MATERIAL	A	Not required
	B	PVC
	C	PP
	D	304SS (1.4301)
	E	316SS (1.4571)
	F	To be specified
⑨ HOUSING MATERIAL / RATING	A	Not required
	B	ADC w/ Polyester epoxy painted / IP66 (STD)
	C	PC / IP65
	D	ADC w/Polyester epoxy painted / EExe T3
	E	To be specified
⑩ CABLE LENGTH (SINGLE FLOAT ONLY) or L-LENGTH (MAXIMUM INSERTION LENGTH)	-050	50 cm
	-900	900 cm
	-XXX	More than 900 cm

WIRING CONNECTIONS

■ SINGLE FLOAT



■ MULTIPLE ASSEMBLED



INSTRUCTIONS

FIG. 1

Plenty of space is required in order to allow the float moving up and down.

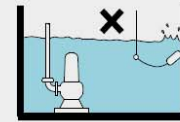


FIG. 2

Prevent the float from being affected by waves or running water.

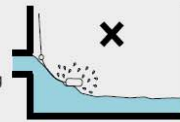


FIG. 3

When combining several floats, the distance between floats should be observed carefully to avoid entanglement.

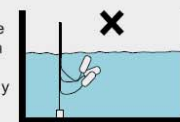


FIG. 4

When reset the float position, any loophole should not be made.

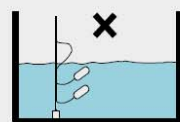
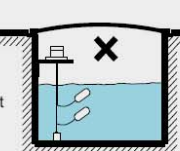


FIG. 5

The terminal housing should not be mounted in a pit and must be kept dry at any time.



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