

SHICO.

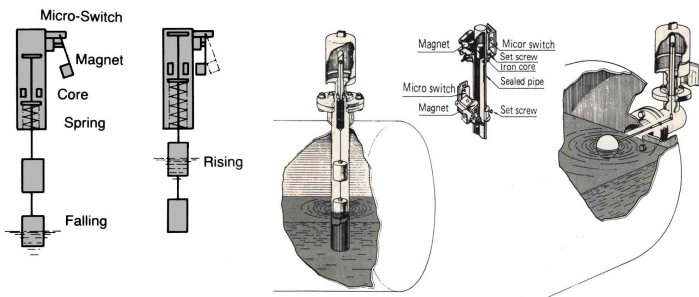
MODEL : SLM-50 Series

DISPLACEMENT TYPE LIQUID LEVEL SWITCH

The SHICO modular system uses standard switch components to satisfy "special" switch requirements. SHICO level switches are engineered for the majority of extreme liquid level control applications.

■ OPERATING PRINCIPLE

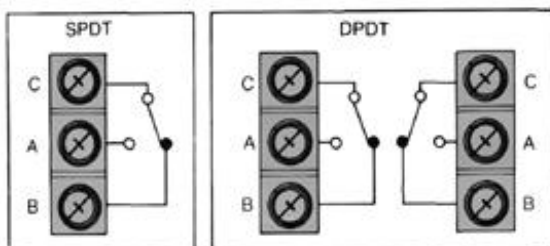
The spring assists the buoyancy force change created as the liquid rises around the suspended displacer element a liquid level change will allow a spring movement and a corresponding magnet movement to operate the switch. With falling liquid level the lower displacer element has to be uncovered before the switch will reset.



■ TECHNICAL DATA

- Installation : Top mounting
- Mounting method : Flange, Screw
- Mounting size : KS, JIS 80A 10K
- Operating pressure : 10Kg/cm²
- Operating temperature : max 120°C
- Material : Body - ALDC
Cover - SS41
Flange - SS41
Displacer - SUS 304

■ CONNECTION DIAGRAM



■ STANDARD FEATURES

- KS, JIS general flange
- Designed for top mounting : Operating differential for high or low alarm, cut off or pump control
- Electric output
- Switch type : Micro switches
- Contact from SPDT, DPDT
- Specific gravity : 1
- Slip-on flanges

■ OPTIONAL FEATURES

- Interfacing Radiator
- Custom controls High pressure and temperature
- Chamber type Ratings
- Side mounting Contact from SPDT, DPDT
- Adjustable differential Specific gravity : 0.6 more than
- Flange ANSI, DIN Switch type : Mercury
(SUS 304, SUS 316) Water proof(AL, C Head)

■ SWITCH CONTACT RATING

- Electric switch modules with one or three independent SPDT
- Contacts rated at : AC250V 15A, DC125V 0.5A

■ ENCLOSURE TYPE

- Weather proof
- Explosion proof



SAM HOI INDUSTRIAL CO., LTD.

#48-2, 66-BeonGil, Golden root-Ro, Juchon Myeon, Gimhae-city Gyeongnam, Korea

Tel. +82-55-321-0578 Fax. +82-55-321-0573

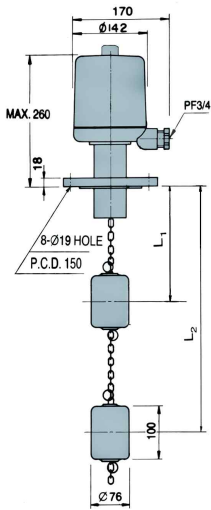
E-mail: shico007@chol.com Homepage : www.shico.co.kr

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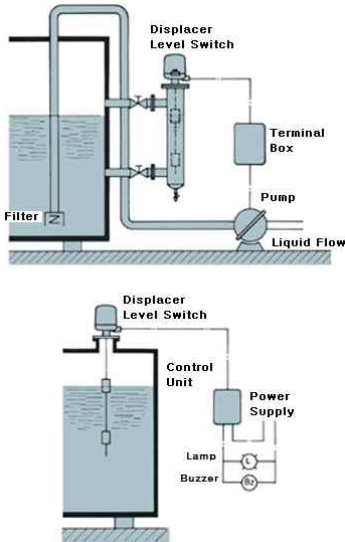
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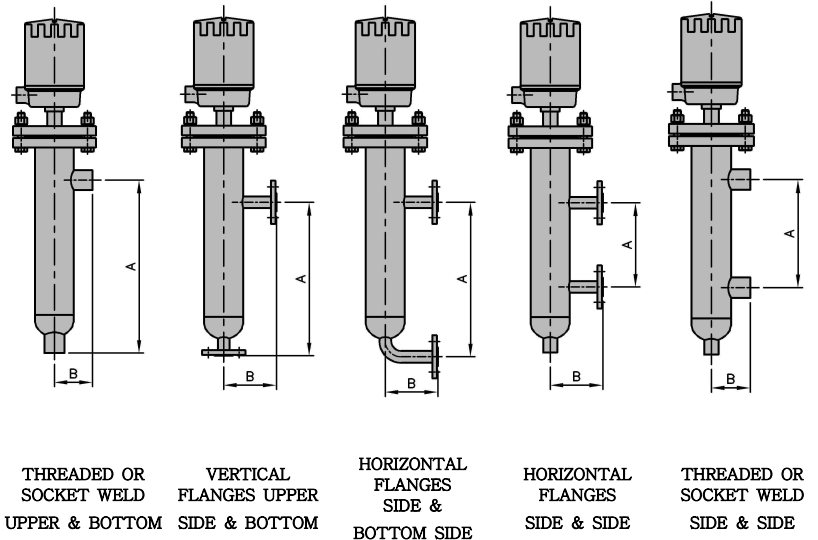
■ DIMENSIONS



■ BLOCK DIAGRAM



■ INSTALLATION METHOD



■ ORDERING INFORMATION

SLM-50	CODE	INSTALLATION TYPE
	1	STANDARD
	2	THREADED OR SOCKET WELD UPPER SIDE & BOTTOM
	3	VERTICAL FLANGES UPPER SIDE & BOTTOM
	4	HORIZONTAL FLANGES SIDE & BOTTOM SIDE
	5	HORIZONTAL FLANGES SIDE & SIDE
	6	THREADED OR SOCKET WELD SIDE & SIDE
	CODE	LEVEL POINT
	1	1 POINT
	2	2 POINT
	3	3 POINT
	4	4 POINT
	CODE	DUTY
	1	ALARM
	2	CONTROL
	3	ALARM AND CONTROL
	CODE	FLANGE MOUNT
	1	10K 65A
	2	10K 80A
	3	10K 100A
	4	10K 125A
	5	SPECIAL FLANGE
	CODE	SWITCH MECHANISMS
	1	SPDT
	2	DPDT
	3	MERCURY SWITCH
	CODE	PRESSURE
	1	LOW PRESS
	2	HIGH PRESS
	CODE	MATERIAL
	1	CAST 1 ROM
	2	SUS 304
	3	SUS 316
	CODE	DUTY
	1	FLAME PROOF
	2	WEATHER PROOF
	3	EXPLOSION PROOF

SLM-50



SAM HOI INDUSTRIAL CO., LTD.
 #48-2, 66-BeonGil, Golden root-Ro, Juchon Myeon, Gimhae-city Gyeongnam, Korea
 Tel. +82-55-321-0578 Fax. +82-55-321-0573
 E-mail: shico007@chol.com Homepage : www.shico.co.kr