



Taiwan Schemik Corp

開關類 SWITCHES



液位開關

Level Switches

液位開關在汽車、石化業、工業設備、食品機械、電子、染整機械、農用設備、家用電器中應用十分廣泛。操作原則非常簡單：液位開關是由磁簧開關和浮球組成，浮球內有磁性材料，浮球隨容器內液體的浮力做液位上下移動時，觸動磁簧開關並啟動一個電子警報信號，而檢出液位位置。安裝方式上裝、側裝皆可。



In automobile, petrochemical industry industry, industry equipment, food machinery, electron, dye loom use the prospect to be very extensive among the tool instrument, agricultural equipment, household appliances liquid-level switch.



It is very simple to operate the principle :
The level switch is made up of magnetism reed switch and floater, there is magnetisable material in the floater, floater liquid buoyancy make liquid location when moving up and down, touch the magnetism reed switch and start an electronic alarm signal with container, and examine out the location position of the liquid.
Can all put to install way jacket, side.

特點：

1. 可訂做多顆浮球, 設定多段動作控制。
2. 採用高功率接點。
3. 法蘭材質適用戶外環境使用。
4. 接點動作穩定。
5. 可安裝容易、節省成本。

Characterization

1. Can have many floaters made to order, set up many sections of movements to control.
2. Adopt the high power contact.
3. Suitable outdoor environmental use of flange materials.
4. Contact movements are stable.
5. The installation is easy and save the cost.

Quality certification



電氣資料 Electrical data

輸出功率	Switched Power	70 W
DC電壓	Switched Voltage DC (max)	200 V
AC電壓	Switched Voltage AC,RMS value (max)	250 V
DC電壓	Switched Current DC (max)	1000 mA
AC電流	Switched Current AC,RMS value (max)	1000 mA
頻率	Resonant Frequency	50 / 60 Hz
電容開放接點	Operate Time-including bounce (typ.)	0.35 ms
絕緣電阻	Insulation Resistance (min)	10 ⁶ MΩ
接線盒防護	Connector protection	IP 65

工作壓力 Working pressure

N1 : BUNA-N Float : Max 3 bar
 S1 : S.S.304 2828 Float : Max 15 bar
 S2 : S.S.304 3030 Float : Max 50 bar

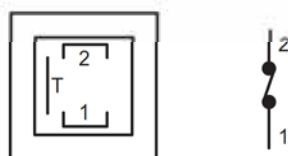
工作溫度 Working temperature

From -20°C to +75°C (for N1 BUNA-N float)
 From -20°C to +100°C (for SUS sreies float)
 如超過以上工作溫度範圍，請與我們技術部門聯絡
 For higher pressure, please contact our technical department

電氣圖 Electrical diagrams

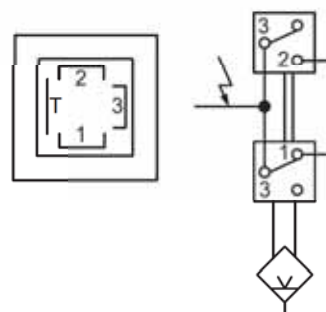
外部連接頭-一段浮球

Header without connector
Single float



外部連接頭-兩段浮球

Header without connector
Two floats



Quality certification



cUL[®] US
E 361210

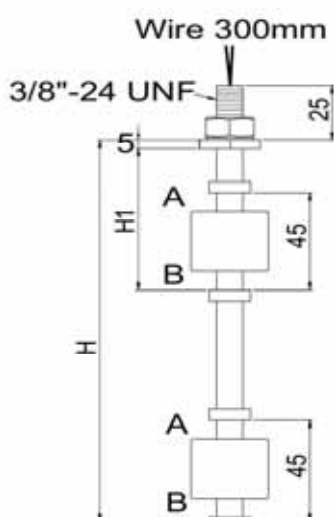


SGS
INTERNATIONAL

MODEL : LS1-N series

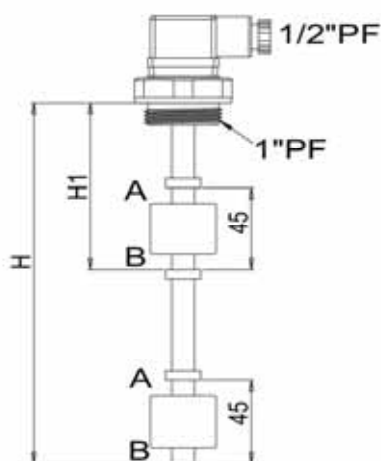
規格說明 / Specification

螺帽 / Thread OUT



支撐管	銅合金
螺帽	銅合金
開關反向動作	NO
H1最小量測距離	MIN. 45mmL
工作溫度	From -20 °C to +75°C
Stem	Brass alloy
Nut	Brass alloy
Reversible switch action	NO
H1 min distance	MIN. 45mmL
Working tempearature	From -20 °C to +75°C

牙口 / Thread IN



支撐管	銅合金
接續端	鋁合金
開關反向動作	NO
H1最小量測距離	MIN. 60mmL
工作溫度	From -20 °C to +75°C
Stem	Brass alloy
Connection	Aluminium alloy
Reversible switch action	NO
H1 min distance	MIN. 60mmL
Working tempearature	From -20 °C to +75°C

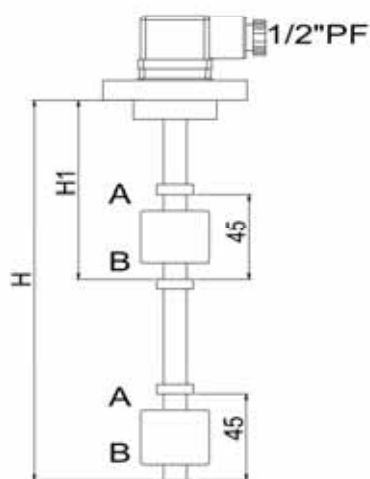
Quality certification



MODEL : LS1-N series

規格說明 / Specification

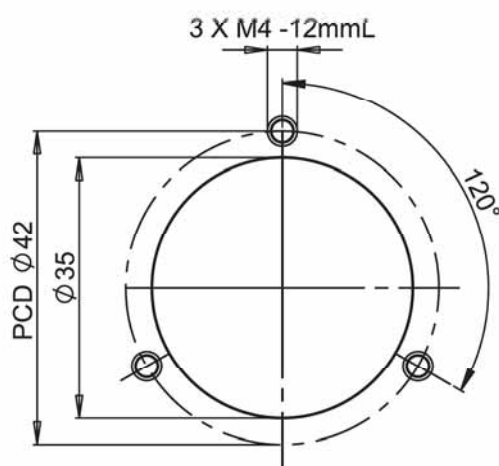
法蘭 / Flange

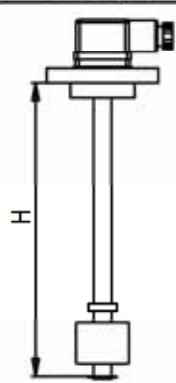
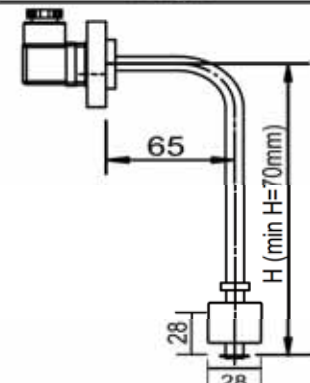


Stem	Brass alloy
Flange	Nylon-6 for H<450mm Aluminium alloy for H>450mm
Reversible switch action	NO
H1 min distance	MIN. 55mmL
Working temperature	From -20 °C to +75°C
支撐管	銅合金
法蘭	工程塑膠 for H=450mm以下 鋁合金 for H=450mm以上
開關反向動作	NO
H1最小量測距離	MIN. 55mmL
工作溫度	From -20 °C to +75°C

安裝方式 / Mounting type

法蘭孔安裝尺寸
Flange mounting dimensions



A	B
直行式 Straight	角度式 Angle
	

Quality certification



MODEL : LS1-N series

型號說明 / How to order

			code	Type
LS1	1	Series	LS1	Standard
N1	2	Float material	N1	NBR 28*28
A	3	Mounting	A	Straight
			B	Angle
F2	4	Connection	F1	Flange-Alum.
			F2	Flange-Nylon 6
			N3	Thread OUT
			T4	Thread IN
1	5	Float Qty.	1	
			2	
			3	
			4	
250A	6	Length + Action	A	
			B	
1	7	Terminal	1	PG9- for 1~2 floats
			2	Lead wire-30 cm
			3	Terminal box- for 3 floats
			4	Terminal box- for 4 floats
	8	Option		Standard lead wire (*1)
			A	Heatproof lead wire-30cm (*2)
			B	Standard lead wire-request length
			C	Heatproof lead wire-request length

*1 : From -20 to +75 (Standard)

*2 : From -20 to +100 (Option)

Quality certification

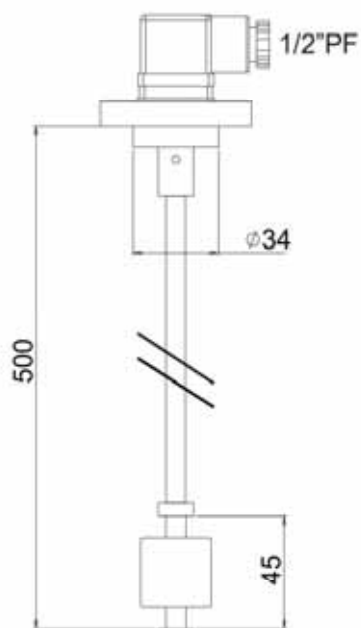


MODEL : LS2-N series

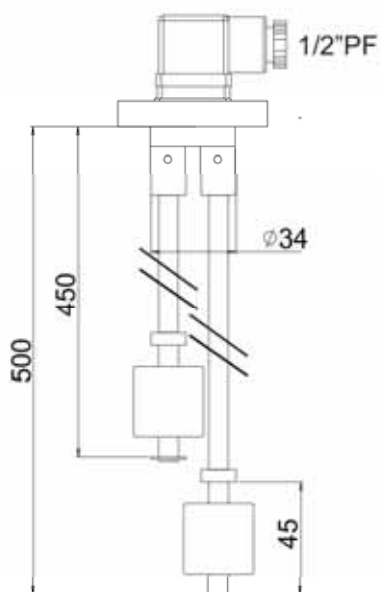
規格說明 / Specification

法蘭 / Flange

單段 / Single



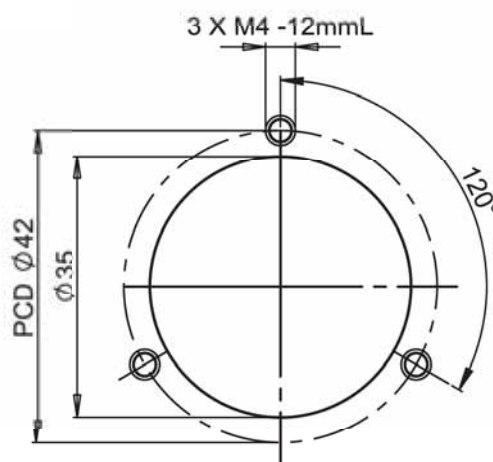
兩段 / Two floats



支撐管	銅合金
法蘭	鋁合金
開關反向動作	NO
H1最小量測距離	MIN. 55mmL
工作溫度	From -20 °C to +75°C
Stem	Brass alloy
Flange	Aluminium alloy
Reversible switch action	NO
H1 min distance	MIN. 55mmL
Working tempearature	From -20 °C to +75°C

安裝方式 / Mounting type

法蘭孔安裝尺寸 Flange mounting dimensions



Quality certification



MODEL : LS2-N series

型號說明 / How to order

			code	Type
LS2	1	Series	LS2	Adjustable length
N1	2	Float material	N1	NBR 28*28
A	3	Mounting	A	Straight
F1	4	Connection	F1	Flange-Alum.
1	5	Float Qty.	1	
			2	
500A	6	Length + Action	A	
			B	
1	7	Terminal	1	PG9
	8	Option		Standard lead wire (*1)

*1 : From -20 to +75 (Standard)

Quality certification

