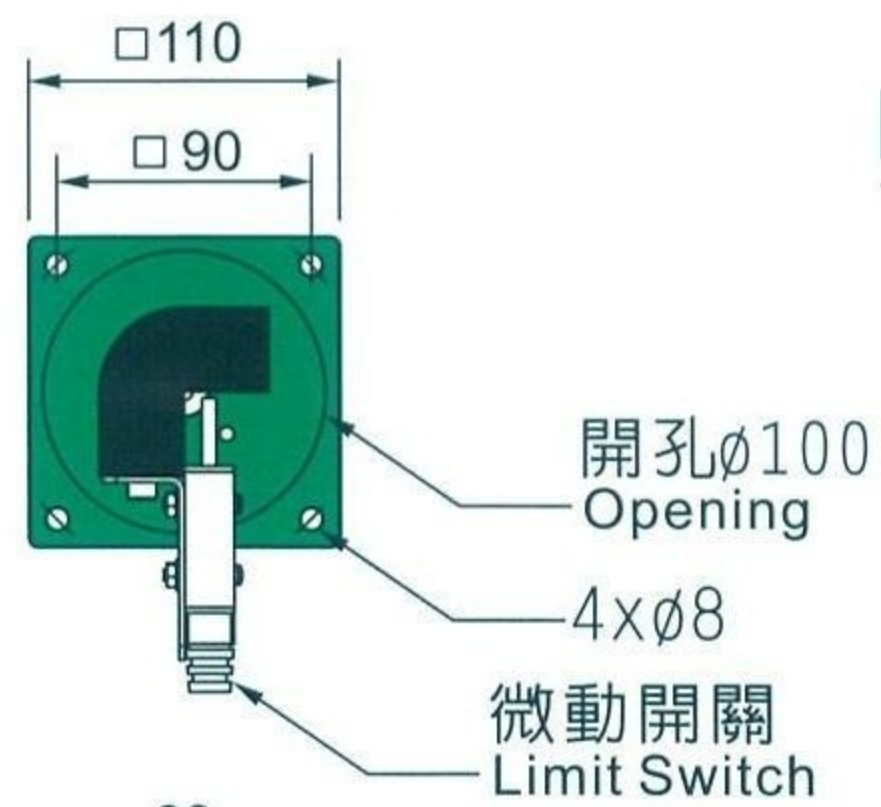


# 桶頂液面偵測計 LEVEL GAUGE

外型尺寸圖  
Dimension



型式表示  
Model

LG 60 - 300 - L - HL

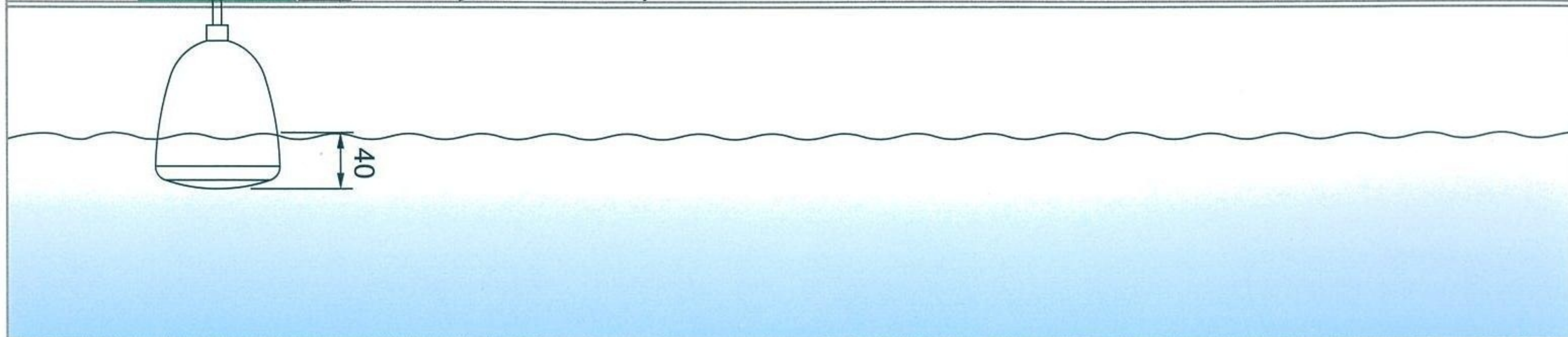
HL: 上下限檢知 High & Low Level Sensor  
H: 上限檢知 High Level Sensor  
L: 下限檢知 Low Level Sensor  
0: 目視 Viewing

0: 目視 Viewing  
L: 微動開關 Limit Switch  
Z-15GWA55-B5V  
TZ-7120 (TEND)  
N: 近接開關 Proximity Switch  
E2E-X7D1-N  
DC12-24V DC  
LM 18-2008A 90~250VAC  
LM 18-3008LA 6~36VDC  
水桶高度, 上下行程少40mm  
Tank Height, Sense Stroke-40mm  
立柱尺寸60x60mm  
Column Size 60 x 60 mm

桶頂液面偵測計  
Level Gauge

高度 \ 型號	LGL60		LG60				LG80			
水桶高度	150	200	200	300	400	500	800	1000	1200	1400
立柱高(H)	280	330	430	530	630	730	1120	1320	1520	1720

液面偵測計基準面  
Top of Tank



080930-1000



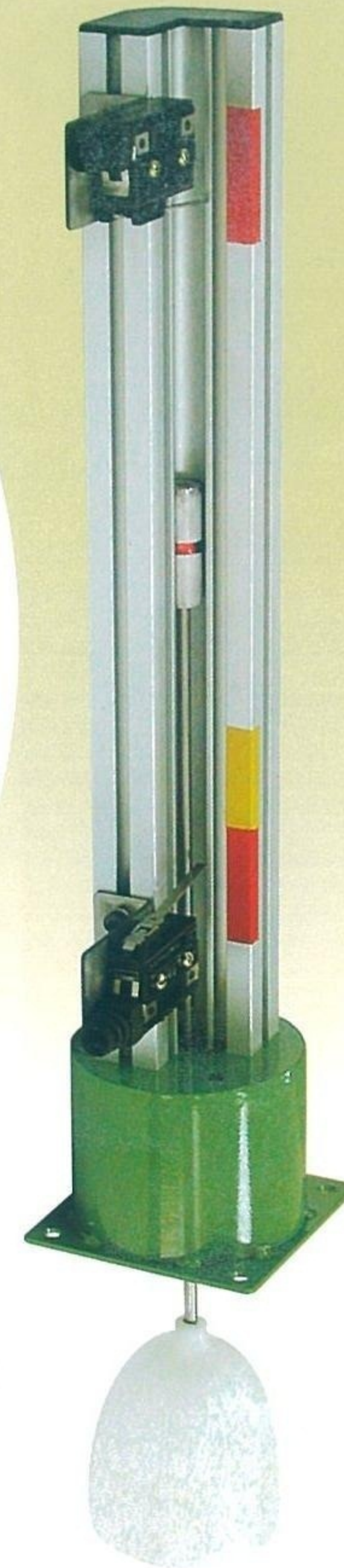
# 桶頂液面偵測計 LEVEL GAUGE

## ● 特點

- 1、安裝於水桶頂部，佔地面積小，只有110x110mm。水桶不必打洞，無安裝液面計怕碰撞及不知安裝是否不會漏水之困擾。
- 2、桶內液面以大浮球反應至立柱上，一目瞭然。
- 3、可裝微動開關或近接開關以送出上、下限訊號，避免異常事故。
- 4、調整上下限位置於桶頂實施，不必如裝於桶內之雙浮球式、三針式盲目進行。
- 5、浮球為鐘形，避免浮渣之附著。

## ● FEATURES:

- 1、Install at top of tank, small space 110 x 110 mm only. It is unnecessary to drill holes at side of tank. And you do not worry about the level gauge will be hit or the leaking of tank.
- 2、It is clear to observe the coolant level by means of the ball float.
- 3、The limit switches or proximity switches can be installed on the column, to sense the high level and low level, and output signal to avoid the accident.
- 4、It is easy to adjust the high level and low level on the tank, unlike traditional double-float type or three-needle type will operate in the tank.
- 5、The bell shape of float is to avoid the sludge stick on it.



LG60-300-L-HL  
新型第M294050號  
Patent No. M294050



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# 桶頂液面偵測計設定方式

## SETUP STEPS FOR LEVEL GAUGE

1

準備面積大、於外徑160x150深的桶子，裝水九分滿。  
Prepare a bucket bigger than 160(D)x150(H)mm, then instill water up to 90%.



LG 浮球  
測試專用桶

查看浮球上的標線  
Examine the marks made on the buoy

2

調低上限Limit Switch 至柱高3/4處(由下往上算) 將LG60整組慢慢浸入桶中，直至LS動作發出聲響，記住此時液面浸至浮球的位置，此例為第五條線 (最上一條)

Place Upper Limit-Switch to approx. three-fourths of the gauge (from bottom), then bring the whole LG60 near the bucket and immerse the buoy slowly into the water. As soon as you hear a "tick" echoed by the L/S, you should bear in mind "which mark" is aligned with the water level. (An example in the photo showed that the fifth mark(the highest one) is aligned with the water level.)



LG 浮球  
測試專用桶

3

調高下限Limit Switch 至柱高1/4處將LG60整組慢慢浸入桶中，直至LS動作發出聲響，記住此時液面浸至浮球的位置，此例為第五條線 (最下一條)

Place Lower Limit-Switch to approx. one-fourth of the gauge (from bottom), then bring the LG60 approach the bucket and immerse the buoy slowly into the water. As soon as you hear a "tick" sent out by the L/S, you should bear in mind which mark is aligned with the water level (An example in the photo showed that the first mark (the lowest one) is aligned with the water level.)



LG 浮球  
測試專用桶

4

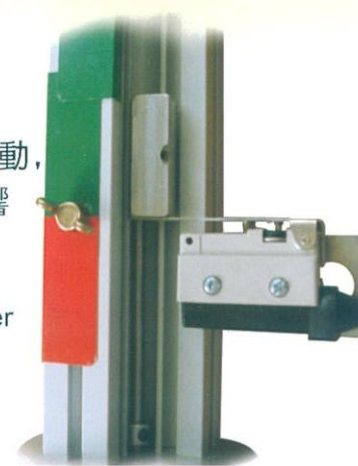
以捲尺設定下限的位置：將浮球下限動作標線，拉出至期望的長度 (此例為120mm對正第一條標線，由下方算起)

At this moment, you should set up the lower limit by a measuring tape: you should pull the buoy downward to an expected length (as seen in the photo, lower limit is set at 120mm, aligning with first mark (the lowest))



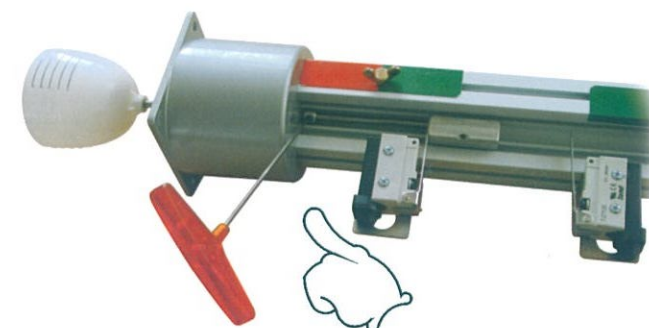
5

壓住50mm長碰塊使之不動，調高下限LS，使發出聲響後，固定下限LS。  
Then, hold the rectangle dog (L=50mm), start to shift higher the Lower L/S until it echoes with a "tick", then you should fasten the Lower L/S by screwing it tight.



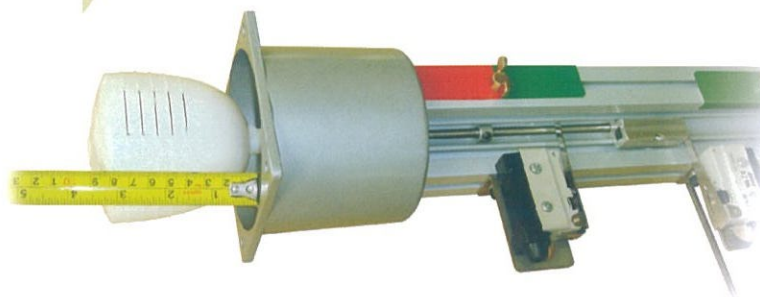
6

固定下線固定座  
To prevent collision with L/S, you should fix the dog by screwing its lock(at lower shaft) tight at this moment.



7

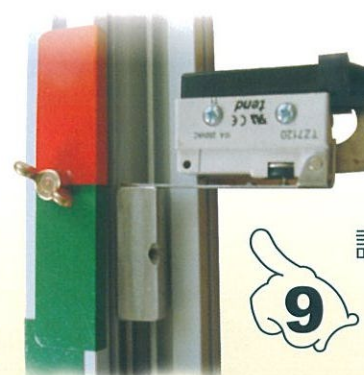
以捲尺設定上限的位置：將浮球上限動作標線，往上推出至期望的長度，(此例為40mm對正第五條標線，由下方算起)。



Now, you should set up the upper limit (also by a measuring tape): pull the buoy to an expected length (as seen in the photo, upper limit is set at 40mm and is aligning with the fifth mark (the highest))

8

壓住50mm長碰塊，使之不動，調低上限LS，使發出聲響後，固定上限LS，使紅綠色標示牌之中央對正LS搖臂



Hold the rectangle dog(L=50mm), then start to shift lower the Upper L/S until it echoes with a "tick", then you should fasten the Upper L/S by screwing it tight. Also, you should adjust the border of Red/Green labels to align with the arm of L/S as showed in the photo

9

調整目視標示牌 (下限目視牌調整方式與上限相同)。  
Adjust another set of Red./Green labels to align with the arm of Lower L/S like you just did above.

10

設定完成  
Setup is accomplished.

