

ISO 9001
REGISTERED**1.0 DESCRIPTION 規範****Case Housing Material:** Aluminum Alloy, SS316 available**Protection Class:** ATEX- II 2 GD Ex d IIB+H2 Gb T6 Ex tb IIIC Db T85°C; IP68
ITRI/Taiwan- Ex d IIB+H2 T6**Micro Switch:** SPDT x 1; SPDT x 2 (one setting point)**Rating:** 3A/250VAC, 5A/125VAC, 4A/30VDC**Extension Wire Connection:** Female ½", ¾"PF, NPT or BSP available**2.0 STEPS OF ADJUST SWITCH POSITION 移動開關設定步驟****STEP 1.**

左圖為翻板式液位開關內部裝置圖，原理為利用浮球磁力帶動滾輪。

The terminal is installed inside of switch housing, and the liquid level is measured by movement of the magnetic float.

**STEP 2.**

利用扳手將軌導上的開關螺帽放鬆。

Use a wrench to release the screw nuts which are fixed the switch on the track.

**STEP 3.**

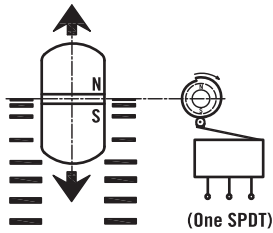
螺帽放鬆之後，開關可沿著軌道上下移動，到達欲設定的高度後，使用三用電錶檢測COM, NC, NO端子，確認其是否正常運作。

The switch can move up and down along with the track after release the screw nuts, please adjust it to the exact request position by yourself and then make the screw tightly.

After the adjustable, use a multimeter to confirm the terminal of COM, NC, NO are working normally.

MWS_1

2.0 PRINCIPLE 原理

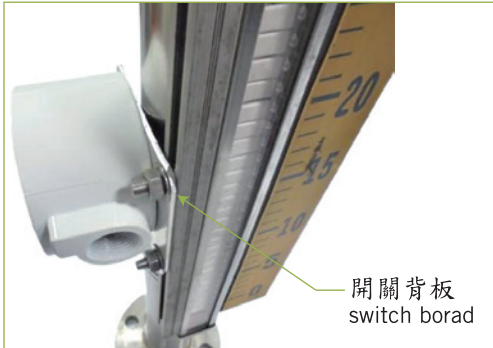


(Two SPDT)

NC	6
NO	5
COM	4
NC	3
NO	2
COM	1

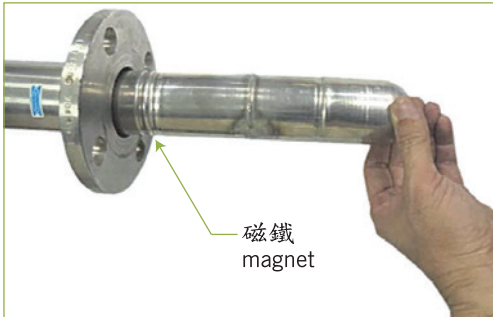
Option: 2 SPDT switch on request

3.0 TROUBLE SHOOTING 故障排除步驟



STEP 1.

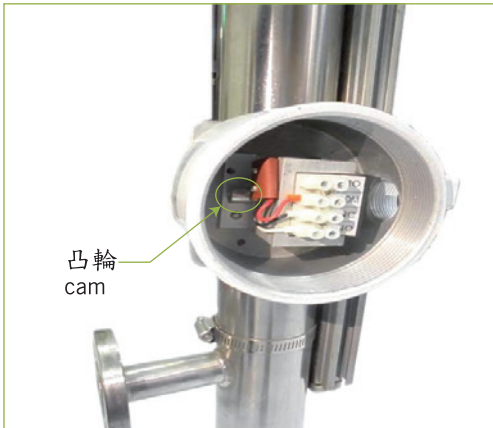
請先確認開關背板是否靠緊管壁或吸附金屬物件。
At the first, please make sure whether the switch board is abutting the chamber, or not. And, confirm there is not any metal objects were attracted on the chamber.



STEP 2.

拆開液位計底部的法蘭將浮球取出，並檢查浮球上是否有吸附雜物。
回裝時請務必將浮球磁鐵朝上。

Confirmed the step 1, and then take apart the flange which assembled on the bottom of level gauge, and take the float out to check there is not any adsorptive impurities on the float. Please make sure the magnet on the top when installing the float back.



STEP 3.

請上下調整浮球以檢查凸輪轉動是否順暢。

Please adjust the float up and down to check whether the cam rotates smoothly, or not.

STEP 4.

如果凸輪轉動並不順暢，請使用六角板手調整凸輪的位置至轉動順暢為止。

If the cam rotates not smoothly, please adjust the cam by hex-wrench until it is no problem.

STEP 5.

如故障仍無法排除，請洽原廠。

If there is still any problem, please contact with the manufacturer.

MWS_2

NEW-FLOW TECHNOLOGIES, INC.

No.9 Lane 133, Xing-Hua St., Chien Chen Dist. Kaohsiung 806, Taiwan
TEL: 886-7-8135500 FAX: 886-7-8225588

info@new-flow.com
www.new-flow.com