

Think Controls

FOTEK

**Capacitive
Leakage sensor**

靜電容式漏液檢測器

- | | |
|--------------------------------------|-----------|
| High Reliability | * 高穩定性 |
| High Noise Resistance | * 高抗干擾力 |
| Rare leakage detectable | * 微量漏液檢出 |
| Small compact structure | * 小型堅固外形 |
| Corrosion-resistant housing material | * 耐腐蝕外殼材質 |

CE Rohs

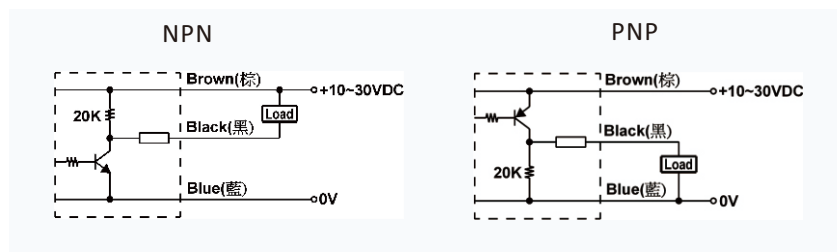


陽明電機股份有限公司
FOTEK CONTROLS CO., LTD.

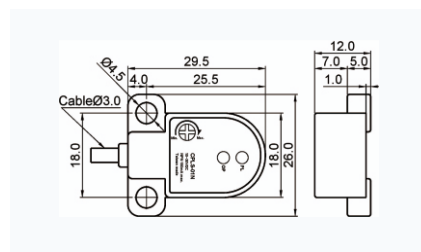
■ Specification / 規格

Mode	型號	CPLS-01N	CPLS-01NB	CPLS-01P	CPLS-01PB
Output status	輸出狀態	NO	NC	NO	NC
Output method	輸出方式	NPN		PNP	
Operating voltage	工作電壓	10 ~ 30VDC			
Ripple of power	電源漣波	10% peak to peak			
Current consumption	耗電流	20 mA max.			
Output current	輸出電流	150mA max.			
Protection circuit	保護回路	Short circuit & polarity reversed			
Voltage drop	輸出壓降	0.8V max.			
Residual voltage	殘餘電壓	0.1V max.			
Leakage current	洩漏電流	0.1mA max.			
Sensitivity adjuster	感度調整	270° Trimmer			
Pilot	指示燈號	Normal status : Green LED (PW) on ; Leakage status : Green LED (PW) & Red LED(OP) on both			
EMC Immunity		ESD : 8 KV Air Discharge (Level3) / EN-61000-4-2			
		RF Interference : 10V / M / ENV-50140			
		Burst test : 2KV / EN61000-4-4			
Dielectric strength	電介強度	2.5kv / 1 minute min.			
Insulation strength	絕緣強度	100 MΩ / 500vdc			
Cable	電線	3Φ/3c-2m (22AWG)			
Housing material	外殼材質	PP			
Protection	保護等級	IP-66			
Approval	安規	CE / RoHS			

■ Connection diagram / 接線圖



■ Outline dimension / 外形圖



■ How to adjust the trimmer / 如何調整調整器

After fixing the leakage sensor, please adjust the trimmer clockwise up to the OP LED on, then adjust the trimmer counterclockwise down to the OP LED off to finish the sensitivity adjustment.

將漏液檢測器固定在適當位置後，先將感度調整器（Trimmer）順時針方向調至動作燈（OP）亮起後，再將感度調整器（Trimmer）反時鐘方向調至動作燈（OP）熄滅即可完成感度調整。

※ Note : Normal status : Green LED (PW) on ; Leakage status : Both Green LED (PW) and Red LED(OP) on.

正常狀態：綠色電源燈亮著；漏液狀態：綠色電源燈及紅色動作燈都亮著