

產品名稱：

漏液感測器

我們的漏液感測器是一款採用紅外線反射原理的光學點型感測器。其偵測機制由感測器內部的發光二極體（LED）與光電二極體（PD）組成。LED 發出的光會經由稜鏡反射並被 PD 接收，PD 會將接收到的光轉換成電流訊號。當液體接觸到稜鏡時，光線會透過液體傳遞，使得抵達 PD 的光量大幅減少。此現象即被用來偵測漏液狀況。

產品特性

- 透過新型光學技術，將偵測點的影響降至最低
- 無需遮光片，高精度
- 小巧纖薄尺寸（直徑 25 mm、厚度 10 mm）
- 無鉛焊接

產品型號：

ALS-WL10N-P200



產品規格

Note: Unless otherwise specified, the specs are defined at an ambient temperature of $25 \pm 5^\circ\text{C}$ and excitation voltage of 24 V DC.

Item			WL10-NP-2
			NPN
Gene	Operating temp.range	$^\circ\text{C}$	10 ~ 60
	Operating humidity	%RH	35 ~ 85 (No condensation)

	Storage temp.	°C	-20 ~ 70 (Atmospheric pressure, humidity 65 %RH maximum)
	Pressure medium		Water (PP)
	Material of housing		PP
	Net weight	g	Approx. 30
Power	Supply voltage	V DC	12 ~ 24 10 %
	Consumption current	mA maximum	10 (Except open collector output)
Output	Switching capacity		Voltage endurance : 30VDC Sink current : 50 mA maximum (Overcurrent protection)
	Residual voltage	V maximum	1.0 V maximum
	Operation grade		Normal condition : Switch output is ON / Green LED is ON Leakage detection : Switch output is OFF / Red LED is ON

環境特性

Test item	Test conditions	Specification
Vibration	10 ~ 500 Hz, 1.5 mm maximum / 98.1 m / S2, 3 directions for 2 hours each	Meets standard specifications
Shock	490 m/s ² , 3 directions for 3 times each	
Protection grade	IP-67	
EMC	EMI : EN55011: 2007, A2 : 2007 Group 1, class B EMS : EN61326-1: 2006 Table 2	

產品圖面

