

Think Controls

FOTEK

T12 series Infrared auto-door sensor 自動門專用光電傳感器



- 防水等級：IP-66
- 堅固結構：充填環氧樹脂
- 高效率發射IR LED延長壽命
- 採用特殊非球面透鏡提升2倍安裝距離
- 超強耐外亂光，不受一般照明燈光干擾
- Protection class：IP-66
- Compact structure filled with Epoxy
- High efficient emitting LED to extend life
- Asic-spherical Lenz to extend double sensing distance
- Anti-interrupted by general lighting instrument

CE RoHS

KU-30 series U type photo-electric sensor 升降機專用U型光電傳感器



- 防水等級：IP-66
- 高效率發射IR LED延長壽命
- 超強穿透力可有效防塵防油污
- 超強耐外亂光，不受一般照明燈光干擾
- 採用調變回路有效提升穿透力及抗干擾力
- Protection class：IP-66
- High efficient emitting LED to extend life
- Proof of oil contamination & dust
- Anti-interrupted by general lighting instrument
- Enhance penetrability&Anti-interrupted by modified circuit



陽明電機股份有限公司
FOTEK CONTROLS CO., LTD.

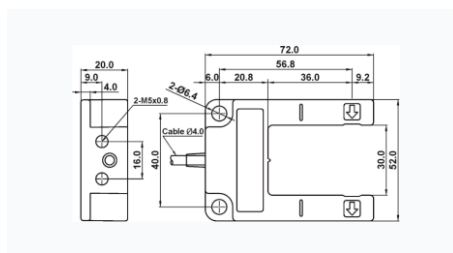
- * 高效率發射IR LED延長壽命
- * 採用調變回路有效提升穿透力及抗干擾力
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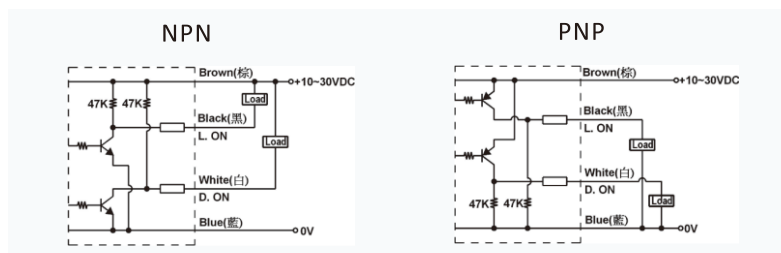
Specification / 規格

Model	型號	KU-30N	KU-30P
Output method	輸出方式	NPN NO / NC (two output)	PNP NO / NC (two output)
Sensing distance		30.0mm	
Sensible object		Non-transparent object 5.0 ϕ min.	
Operating voltage	工作電壓	10 ~ 30 VDC	
Current consumption	耗電流	20mA max.	
Output current	輸出電流	150 mA max.	
Light source		Infrared LED	
Response time		1 ms 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.	
EMC Immunity		ESD : 8 KV Air Discharge (Level3) / EN-61000-4-2 ; RF Interference : 10V / M / ENV-50140 ; Burst test : 2KV / EN61000-4-4	
Protection class		IP-66	
Dielectric strength	電介強度	2.5kv / 1 minute min.	
Insulation strength	絕緣強度	100 M Ω / 500vdc	
Approval	安規	CE / RoHS	
Illumination	耐外亂光	Sunlight > 20,000 Lux. ; Lamplight > 5,000 Lux.	
Operating temp	使用環境	- 20 C ~ +80 ; 35 ~ 85%RH	
Cable	出線	4 /4C-2m (26AWG)	
Housing material	外殼材質	Intensive Polyimid(UL-94V0)	

Outline dimension / 外形尺寸



Connection diagram / 接線圖



Notice of using / 使用注意事項

1. 請勿使用溶劑擦拭傳感器鏡頭。
(Please clean the Lens with the dry cloth , but don't use solvent.)
2. 請勿安裝在有腐蝕性氣體的環境。
(Please don't install in the corrosive circumstance.)
3. 避免太陽光或滷光燈直接照射接收器。
(Please avoid from the sun light or spotlight direct raying.)