



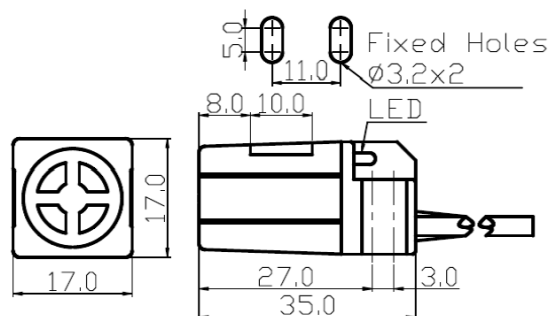
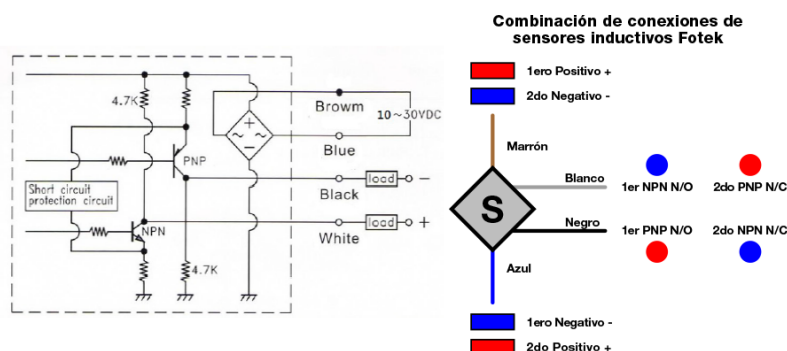
Data approve

Product	Proximity Sensor	No	FT-SA-191210	Ver.	A0
Series	PL Series	Date	2019/12/17		

Model	型號	PL-05X
Operating voltage	工作電壓	10 ~ 30VDC
Ripple of power	電源漣波	20% peak to peak
Current consumption	耗電流	10mA max.
Sensing distance	檢測距離	5.0mm
Hysteresis	應差	10% of sensing distance max.
Response frequency	響應頻率	800Hz min.
Output method	輸出方式	NPN & PNP two output NO/NC CHANGEABLE
Output status	輸出狀態	NO/NC
Output current	輸出電流	150mA max.
Residual voltage	殘留電壓	0.1V max.
Leakage current	洩漏電流	0.8mA max.
Protection circuit	保護電路	Short circuit & polarity reversed protection
Connection	線材	3c/4.0Φ X 2m±0.1m
Dielectric strength	耐電壓強度	2.5kv / 1 minute min.
Insulation strength	絕緣強度	100 MΩ / 500vdc
Operating circumstance	工作環境	-20℃ ~ +80℃ ; 35% ~ 85% RH
Protection class	保護等級	IP-67
EMC 標準	ESD : 8kv air charge (level 3) / EN-61000-4-2 Burst test : 2kv / EN61000-4-4 RF interference : 10V / M / ENV-50140	

Connection Diagram/接線圖

Outline Dimension/外型尺寸圖



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