



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°C ~ +80°C ; 35% ~ 85% RH

Protection class 保護等級

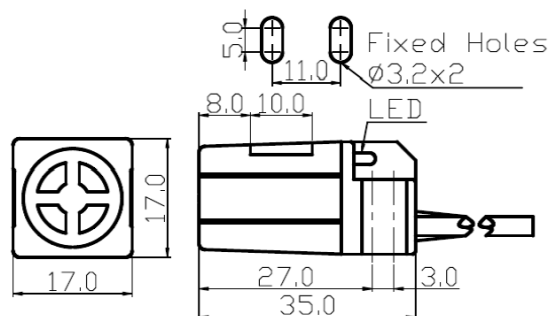
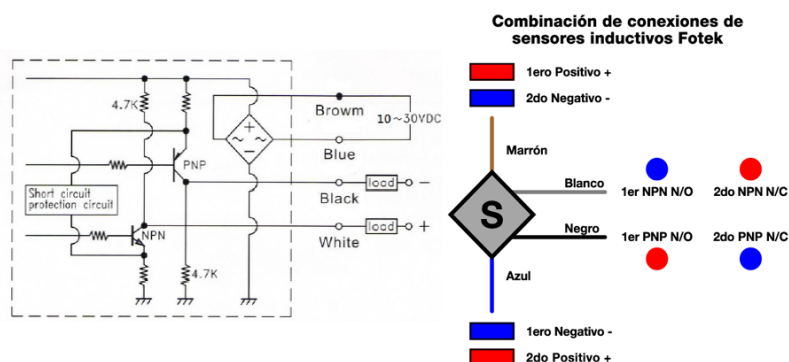
IP-67

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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品管部

