

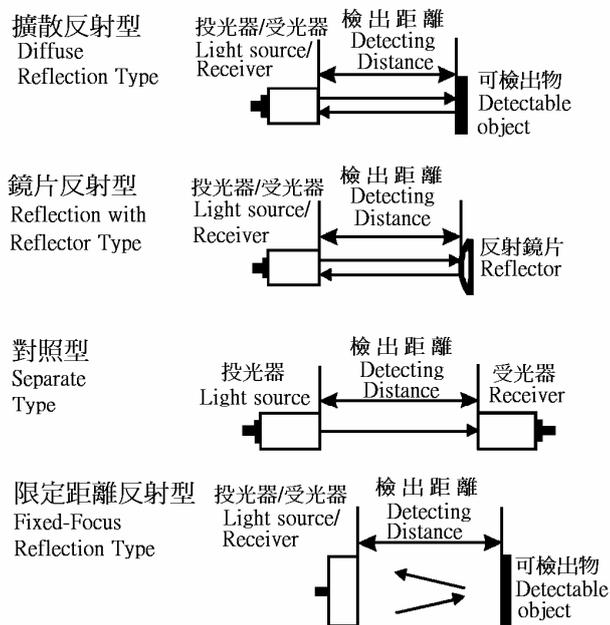
# 光電開關詞彙說明

# Technical Specifications

## 感應距離 Detecting Distance

“檢出距離”通常是指在此距離內，光電開關可以檢出被檢出物體。在鏡片反射型和對照型係指光電開關可以穩定檢出的最大距離。在擴散反射，係指光電開關可以穩定檢出標準被檢出物體的最大距離。

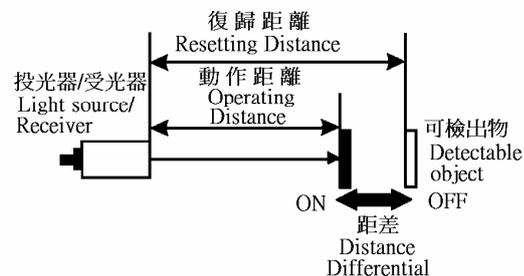
The term Detecting Distance generally refers to the distance range within which the photoelectric switch can detect the detectable objects. With the reflection and through beam, it denotes the maximum distance within which the photoelectric switch can be set stable. With the direct reflection types, it denotes the maximum distance within which the photoelectric switch can stable operate with the standard detectable object.



## 應差距離 Distance Differential

所謂 應差距離 係指動作距離和復歸距離之差。

The term distance Differential refers to the difference between operating and resetting distances.



## 外殼材質 Housing-Material

DR 系列 Series	PBT 塑膠 PBT synthetic plastics
TR 系列 Series	黃銅鍍鎳 Brass coated with nickel
DS 系列 Series	ABS 塑膠 ABS synthetic plastics
DF 系列 Series	PBT 塑膠 PBT synthetic plastics
DX 系列 Series	PBT 塑膠 PBT synthetic plastics

## 工作電壓 Voltage Range

請注意所供應之電壓及負載電流不可超過所指示範圍，否則開關會燒毀。

Correctly regulate the supply voltage by providing no more than the maximum ripple indicated in the catalogue.

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## 消耗電流 Current Consumption

指近接開關在無負載狀態下，量測電源端(直流三線式)或電源端與輸出端(交流二線式)之最大消耗電流值。

Current consumption refers to the maximum current consumed when, under no load condition, it is measured between the power inlet terminal (DC 3 wires or AC 2 wires) and the output terminal.

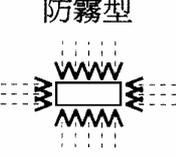
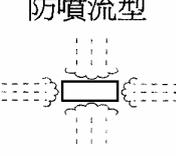
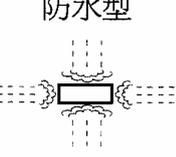
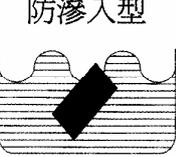
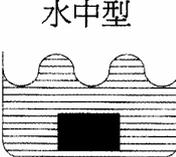
## 反應頻率 Response Frequency

指當每一檢出體向近接開關接近時，此一開關每秒內所反應之輸出頻率。

Response Frequency refers to the frequency of outputs from the proximity switch per second in response to the movement of each target when brought closer to the switch.

## 結構保護等級 Degree of protection

IP 6

等級 Classification	保護程度 Protective Grade
4 	無論從那方向來的水沫都不會有害的影響。 Not affected by water bubbles from all Directions.
5 	不論從那個方向來的直接噴水也不受影響。 Not affected by water splash from all directions.
6 	不論從那個方向來的在一定壓力下直接噴水,內部也不進水的 No penetration by direct water spray from all directions under specific water pressure.
7 	在設定的水壓條件下放入水中,內部不進水,而歷時 30 分鐘。 No penetration by water ever when the object is submerged in the water for 30 min.
8 	可以在指定壓力的水中常時間的使用開關。 Objects, which can be used for a long period off time in the water under specific water, pressure.

等級 Classification	保護程度 Protective Grade
6 	Protection against movement of human body and sold foreign article.