

◆ 產品特色

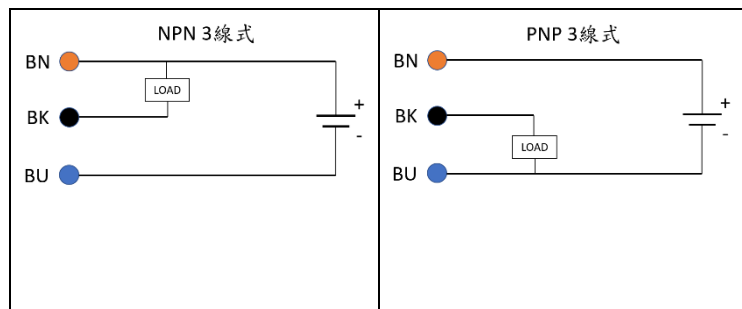
- 尺寸小巧、安裝不佔空間。
- 輸出 ON/NC 可調整、檢測距離可調整
- 防護等級達 IP65
- 規格齊全、選購方便



◆ 產品規格

檢測方式		擴散反射型			鏡面反射型	對照型
輸出	NPN	DZ-10N 型	DZ-100N 型	DZ-80NR 型	DZ-M300NR 型	DZ-T1000N 型
	PNP	DZ-10P 型	DZ-100P 型	DZ-80PR 型	DZ-M300PR 型	DZ-T1000P 型
檢測距離		10cm (白紙 100 x 100 mm)	100cm (白紙 100 x 100 mm)	80cm (白紙 100 x 100 mm)	300cm	1000cm
附配件		安裝架			安裝架/反射鏡片	安裝架
光源(峰值發光波長)		紅外線發光二極體(860nm)			發光二極體(紅光)	紅外線發光二極體(860nm)
消耗電流		30mA 以下				發射：30mA 以下 接收：15mA 以下
電源電壓		DC12~24V±10% 漣波(p-p) 10%以下				
應答時間		動作、復歸：各 1ms 以下				
應差		小於檢測距離 20%				
迴路保護		電源極性保護、輸出短路保護				
負載電流		100mA max.				
殘留電壓		負載電流 < 15mA : 0.3V 以下。 負載電流 < 100mA : 0.8V 以下。				
控制輸出		NO /NC 可切換。(集極開路)				
保護構造		IEC 規格 IP65				
連接方式		出線型(標準導線長度 2m)				
環境溫度範圍		動作：- 25 ~ +55℃(不可結冰、結霧) 保存：- 40 ~ +70℃				
環境濕度範圍		動作：35 ~ 85%RH(不可結露) 保存：35 ~ 95%RH				
指示燈		動作指示燈(橘色)，電源指示燈(綠色)				
材質		外殼：PBT 樹脂 投光/受光部：PC				

◆ 接線圖



◆ 調整方式



◆ 尺寸圖

	DZ 光電開關尺寸
	Technical drawing of the DZ photoelectric switch. The front view shows a width of 20mm and a height of 31mm. The side view shows a depth of 11mm and a mounting bracket height of 3.8mm. The top view shows a width of 20mm and a height of 11mm. The drawing also indicates a mounting hole diameter of $\phi 3$ and a distance of 17.25mm between the mounting holes.
安裝支架	安裝支架尺寸
Photograph of the mounting bracket, showing its L-shaped profile and mounting holes.	Technical drawing of the mounting bracket. The front view shows a width of 29.5mm and a height of 32mm. The side view shows a depth of 12.5mm and a mounting hole diameter of $\phi 5$. The top view shows a width of 29.5mm and a height of 12.5mm. The drawing also indicates a mounting hole diameter of $\phi 3.3$ and a distance of 10.8mm between the mounting holes.
反光鏡片	反光鏡片尺寸
Photograph of the reflective mirror, showing its square shape and reflective surface.	Technical drawing of the reflective mirror. The front view shows a width of 62mm and a height of 51.5mm. The side view shows a depth of 5.25mm and a mounting hole diameter of $\phi 4.5$. The top view shows a width of 62mm and a height of 51.5mm. The drawing also indicates a mounting hole diameter of $\phi 4.5$ and a distance of 31mm between the mounting holes.