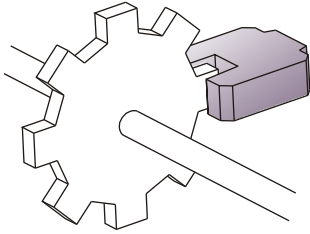
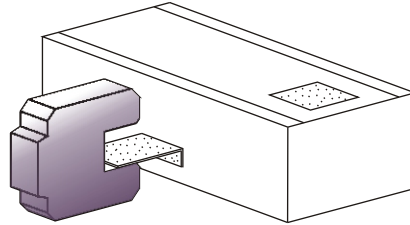


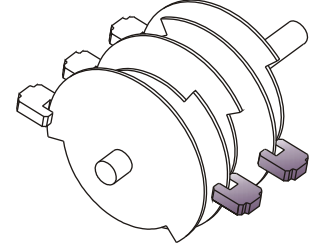
◆ Applications / 應用:



(A) Speed monitoring / 速度檢出



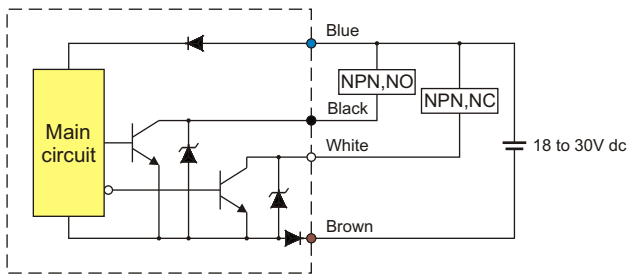
(B) Machine positioning / 位置檢出



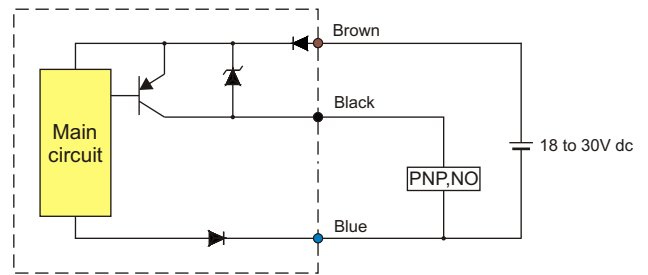
(C) Rotary cam sensing / 定位檢出

◆ SU DC Light Output Circuit Diagrams / 接線圖:

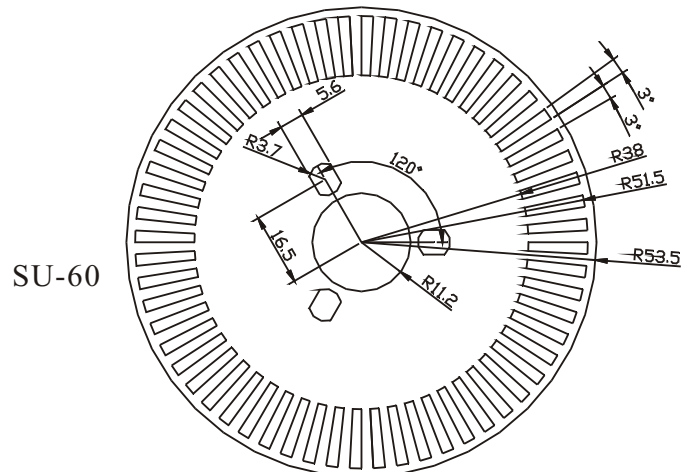
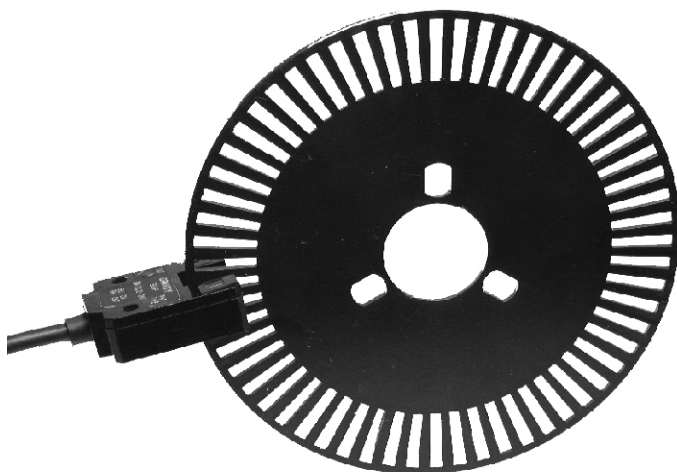
(a) SU-B3



(b) SU-P



◆ Dimensions / 尺寸圖:



◆ Characteristics / 特性:

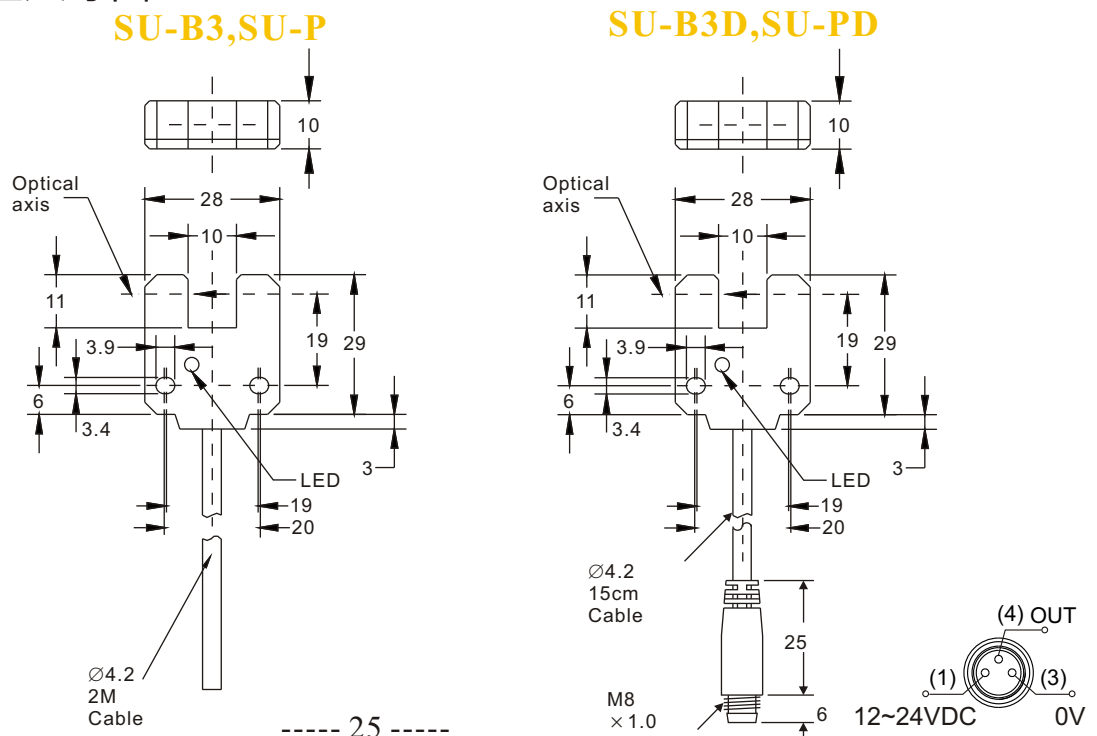
- High-speed response, 1 kHz (DC-light type)
/ 體積小, 反應速度快約1kHz.
- Wide vane, 10 mm (DC-light type)
/ 檢測距離10mm, 適用於小物體檢測.
- High-accuracy detection, 1.00 mm slit width (DC-light type)
/ 紅外線光軸檢測寬度1.0mm..



◆ Specifications / 規格表:

Catalog Listing / 型號	SU-B3	SU-B3D	SU-P	SU-PD
Scanning distance / 檢測距離	10 mm			
Min. detection object / 最小檢測物	Opaque / 非透明體 (0.5 × 2.0)			
Light emitting diode (LED)/發光源	940nm			
Supply voltage / 工作電壓	12 ~ 24 V DC			
Current consumption / 消耗電流	20 mA max.			
Output / 輸出模式	NO Type	NPN, dark operated (open collector)		PNP, dark operated (open collector)
	NC Type	NPN, light operated (open collector)		—
Output current / 輸出電流	50 mA max.			
Rate of operation / 反應頻率	1 KHz			
Operating ambient Light/使用環境光源	Incandescent lamp / 白光 : 1,000 lux max.			
Operating temperature range/工作溫度範圍	- 10 to + 55 °C			
Humidity range/溼度範圍	45 to 85 % RH			
Insulation resistance / 隔離阻抗	20M Ω			
Dielectric strength / 絕緣耐壓	500 V AC for 1 minute			
Vibration resistance / 耐震頻率	1.5-mm peak-to-peak amplitude, 10 to 55 Hz, 2 hours each in X, Y, and Z directions			
Shock resistance / 耐震度	50G, repeated 10 times each in X, Y, and Z directions			
Protection degree / 防水等級	IP 64			
Housing material / 外殼材質	PC			
Wiring method / 出線方式	Pre-wired Ø4.2 × 2 M / 4-wire	M8 pigtailed type / M8 接頭15cm 電線式	Pre-wired Ø4.2 × 2 M / 3-wire	M8 pigtailed type / M8 接頭15cm 電線式

◆ Dimensions / 外型尺寸圖:



◆ Characteristics / 特性:

- High-speed response, 1 kHz (DC-light type)
/ 體積小, 反應速度快約1kHz.
- Wide vane, 15 mm (DC-light type)
/ 檢測距離15mm, 適用於小物體檢測.



◆ Specifications / 規格表:

Catalog Listing / 型號	SU15-N	SU15-ND	SU15-P	SU15-PD
	SU15-N2	SU15-N2D	SU15-P2	SU15-P2D
Scanning distance / 檢測距離	15 mm			
Min. detection object / 最小檢測物	Opaque / 非透明體 (0.5 × 2.0)			
Light emitting diode (LED)/發光源	940nm			
Supply voltage / 工作電壓	12 ~ 24 V DC			
Current consumption / 消耗電流	25 mA max.			
Output / 輸出模式	NO Type	NPN, dark operated (open collector)		PNP, dark operated (open collector)
	NC Type	NPN, light operated (open collector)		—
Output current / 輸出電流	24VDC 100 mA max.			
Rate of operation / 反應頻率	1 KHz			
Operating ambient Light/使用環境光源	Incandescent lamp / 白光 : 1,000 lux max.			
Operating temperature range/工作溫度範圍	- 10 to + 55 °C			
Humidity range/溼度範圍	45 to 85 % RH			
Insulation resistance / 隔離阻抗	20M Ω			
Dielectric strength / 絕緣耐壓	500 V AC for 1 minute			
Vibration resistance / 耐震頻率	1.5-mm peak-to-peak amplitude, 10 to 55 Hz, 2 hours each in X, Y, and Z directions			
Shock resistance / 耐震度	50G, repeated 10 times each in X, Y, and Z directions			
Protection degree / 防水等級	IP 64			
Housing material / 外殼材質	PC			
Wiring method / 出線方式	Pre-wired Ø4.2 × 2 M / 3-wire	M8 pigtailed type / M8 接頭15cm 電線式	Pre-wired Ø4.2 × 2 M / 3-wire	M8 pigtailed type / M8 接頭15cm 電線式

◆ Dimensions / 外型尺寸圖:

