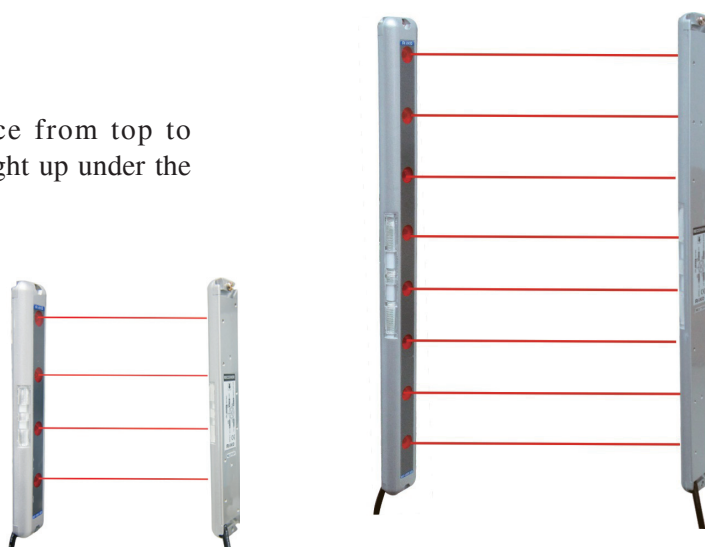
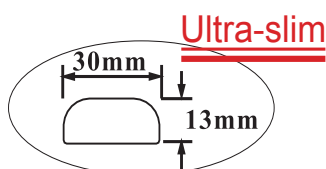


◆ Characteristic :

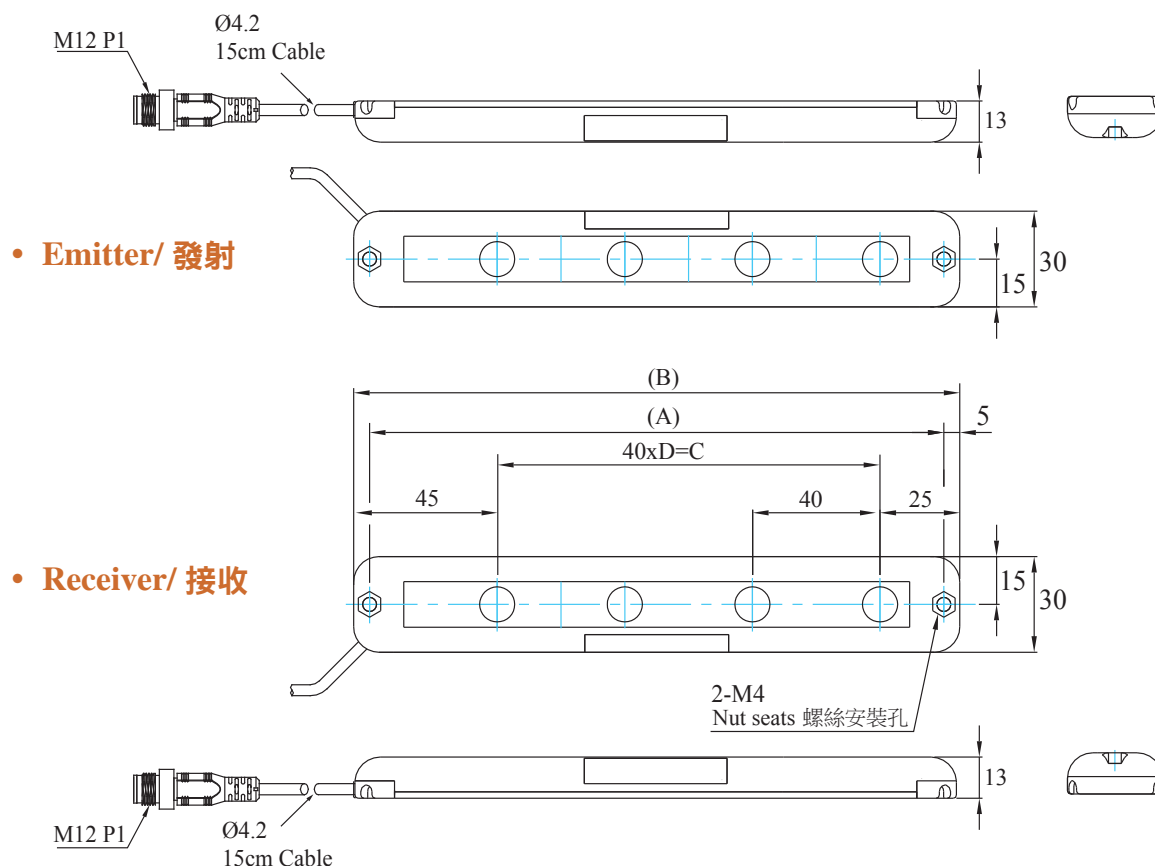
- Ultra slim body, 13mm thickness only.
- Min. Detectable Object Ø60mm.
- Green and red LED blink in sequence from top to bottom under normal emission. All LED light up under the emitting circuit failure.



◆ Specifications :

Model	NPN D.on	OAP-4004-NK	OAP-4004S-NK	OAP-4008-NK	OAP-4008S-NK
	PNP D.on	OAP-4004-PK	OAP-4004S-PK	OAP-4008-PK	OAP-4008S-PK
No.of Beams		4		8	
Sensing Height		120 mm		280 mm	
Beam pitch		40 mm			
Sensing type		Through beam			
Resolution		60 mm opaque object			
Sensing distance		0.1 M ~ 5 M	0.1 M ~ 2 M	0.2 M ~ 5 M	0.2 M ~ 2 M
Emitting light		Infrared LED : 850 nm			
Indicating LED	5 LEDs each on emitter and receiver.		7LEDs each on emitter and receiver.		
	LEDs blink from top to bottom under the normal emission.				
	All LEDs light up under the emitting circuit failure and will become blinking until the normal emission.				
Running type		More than a beam is covered ON (Dark On)			
Operating voltage		DC12 ~ 24 V±10% (ripple P-P : 10% Max.)			
Current Consumption	Transmitter : 30 mA Max.		Transmitter : 60 mA Max.		
	Receiver : 15 mA Max.		Receiver : 30 mA Max.		
Load current		100 mA Max at DC 24V			
Protection circuit		Reversed Supply circuit protection, Short circuit protection output			
Response time	Off to On : 15 ms Max.				
	On to Off : 20 ms Max.				
Insulation resistance		20MΩ min. (DC500V)			
Voltage withstandabiligy		AC1000V 60Hz for 60 Sec.			
Operating temperature		- 10 °C ~ + 45°C (No freezing allowed)			
Ambient humidity		35% ~ 85% RH			
Storage temperature		- 10 °C ~ + 45°C (No freezing allowed)			
Storage humidity		35% ~ 95% RH			
Protection degree		IP62			
Material		ABS			
Wiring method	Transmitter : M12 pigtailed type(5P)				
	Receiver : M12 pigtailed type(5P)				
Option	OAP-M008 Mounting Bracket			OAP-M016 Mounting Bracket	
	Connectors : M125R-PUR-2M / M125R-PUR-5M				
Weight		Approx.200g		Approx.253g	

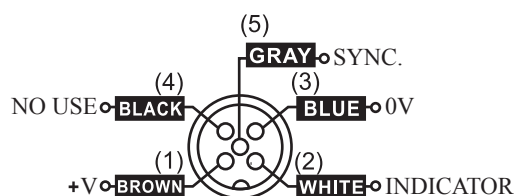
◆ Dimensions / 尺寸圖 : (unit:mm)



Model	(A)	(B)	(C)	(D)
OAP-4004(S)-□K	180mm	190mm	120mm	3
OAP-4008(S)-□K	340mm	350mm	280mm	7

◆ Wiring diagrams / 接線圖

• Emitter/ 發射



• Receiver/ 接收

