

# PH Series $\Phi 7$ & M8 tubular type Photo sensor

CE RoHS

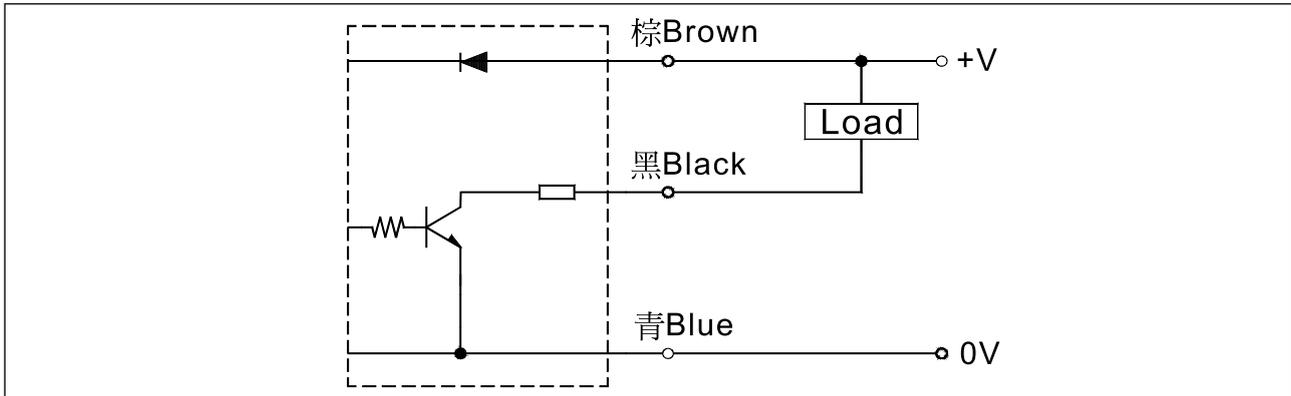
- Solid compact structure :  
7 $\Phi$  x 43 mm  
M8 x 43 mm
- Protection class : IP-67
- High reliability :  
Output short circuit protection  
High noise resistance



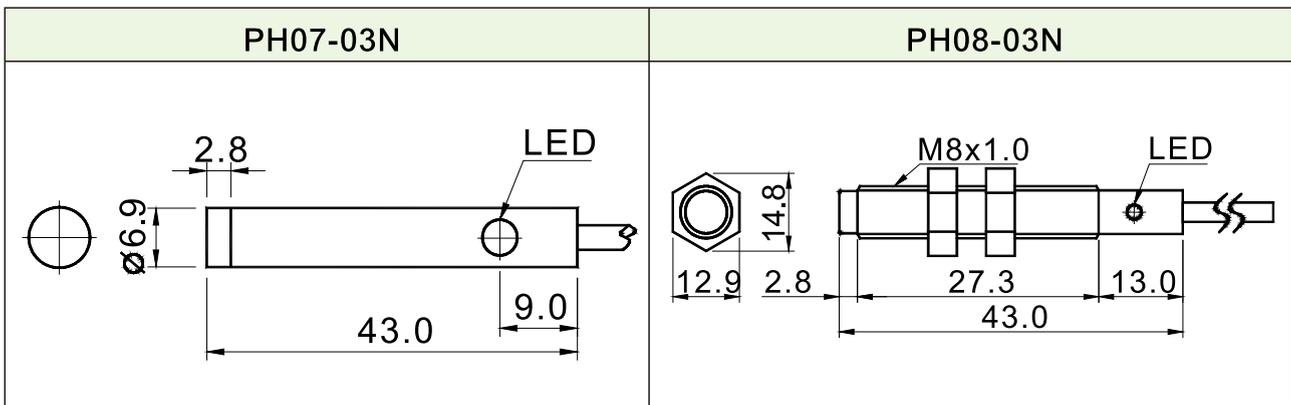
## ◆ General Specification / 共同規格

Outline	外形	$\Phi 7$	M8
Model	型號	PH07-03N	PH08-03N
Sensing distance		45.0 mm	45.0 mm
Emitter		Infrared LED	
Response time		1.0 ms max.	
Operating voltage	工作電壓	10 ~ 30VDC	
Ripple of power	電源漣波	20% peak to peak	
Current consumption		15.0 mA max.	
Output method	輸出方式	NPN open collector	
Output current	輸出電流	150mA max.	
Pilot LED	指示燈	Green : Power pilot ; Yellow : Operating pilot	
Output Status	輸出狀態	Standard : NO ; Appended with 「B」 : NC	
Residual voltage	殘留電壓	0.1V max.	
Leakage current	洩露電流	0.8mA max.	
Protection circuit	保護電路	Short circuit & polarity reversed protection	
Housing material	外殼材質	Cu plated Ni ; Lenz : PMMA	
Illumination	耐外亂光	Lamp light < 10,000Lux ; Sunlight < 20,000Lux	
Noise resistance	抗干擾	2kv/1	
Dielectric strength	電介強度	2.5kv / 1 $\mu$ minute min.	
Insulation strength	絕緣強度	100 M $\Omega$ / 500vdc	
Operating circum.	工作環境	-25 $^{\circ}$ C ~ +80 $^{\circ}$ C ; 35% ~ 85% RH	
Protection class	保護等級	IP-67	
Approval	認證	CE	

◆ Output circuit & Connection diagram / 輸出回路及接線圖



◆ Dimension / 外形尺寸圖



◆ Fixed bracket / 固定架

