



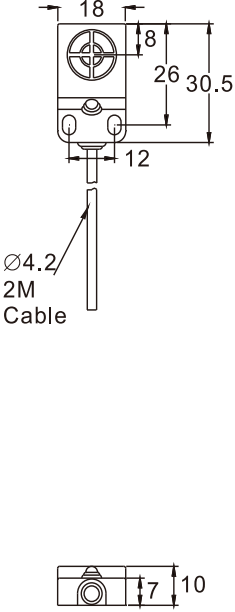
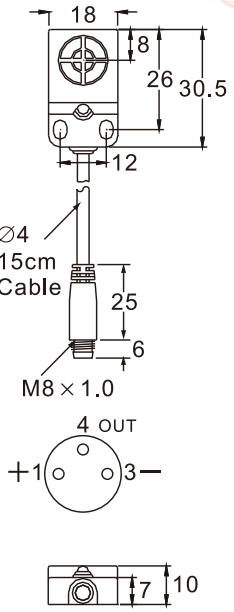
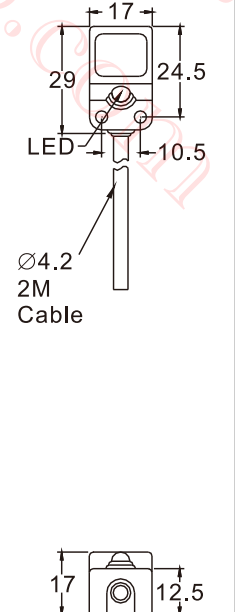
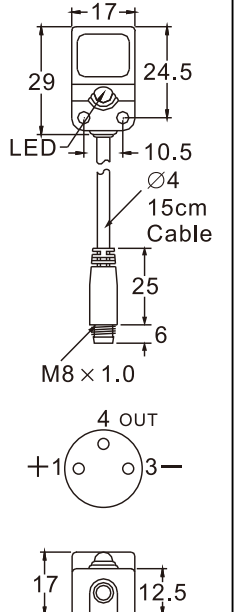


Rectangular Inductive Proximity Sensor

SN

◆Shape / 外觀 :					
◆Specifications / 規格表 :					
Output method / 輸出模式	NPN N.O.	SND04-N	SND04-ND	-	-
	NPN N.C.	SND04-N2	SND04-N2D	-	-
	PNP N.O.	SND04-P	SND04-PD	-	-
	PNP N.C.	SND04-P2	SND04-P2D	-	-
	NPN N.O./N.C. PNP N.O./N.C.	-	-	-	-
	SCR N.O.	-	-	SN04-A	SN04-AD
	SCR N.C.	-	-	SN04-A2	SN04-A2D
Sensing Surface / 檢測方向	Front surface / 上方		Top surface / 前方		
Standard sensing object / 標準檢測物	Iron 18 x 18 x 1mm		Iron 18 x 18 x 1mm		
Sensing distance / 檢出距離	4 mm		4 mm		
Secure sensing distance / 建議距離	0 to 3.2 mm		0 to 3.2 mm		
Hysteresis / 遲滯	≤ 10 % of sensing distance		≤ 10 % of sensing distance		
Response time / 反應時間	2 ms Max.		50 ms Max.		
Operating voltage / 工作電壓	DC 10 ~ 30V		AC 90 ~ 260V		
Current consumption / 消耗電流	≤ 8 mA no-load		2mA Max		
Load current / 負載電流	100 mA Max at DC 30V		5~100 mA Max.		
Leakage current / 漏電流	≤ 1.1 mA no-load		≤ 2.0 mA no-load		
Residual voltage / 殘餘電壓	≤ DC 1.5V		≤ AC 4V		
Insulation resistance / 隔離阻抗	20MΩ min. (DC500V)		20MΩ min. (DC500V)		
Voltage withstandability / 絕緣耐壓	AC1000V 60Hz for 60 Sec.		AC1000V 60Hz for 60 Sec.		
Operating temperature / 工作溫度範圍	-20°C ~ +60°C		-20°C ~ +60°C		
Protection degree / 防水等級	IP 66	IP 66	IP 66	IP 66	
Wiring method / 出線方式	Pre-wire Ø4.2 x 2M/3-wires	M8 pigtailed type /M8 接頭15cm 電線式	Pre-wire Ø4.2 x 2M/2-wires	M8 pigtailed type /M8 接頭15cm 電線式	
Weight / 重量	Approx. 60g	Approx. 18g	Approx. 56g	Approx. 15g	
◆Dimensions/尺寸圖 :					

Fiber

Photo Sensor

Area Sensor

Ultrasonic Sensors

Inductive Proximity Sensor

Capacitive Proximity Sensor




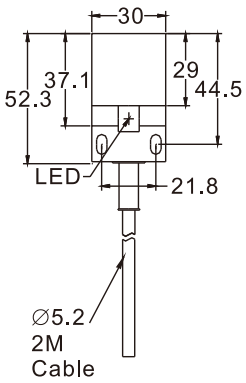
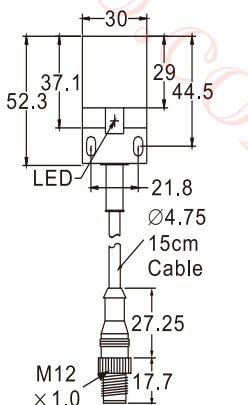
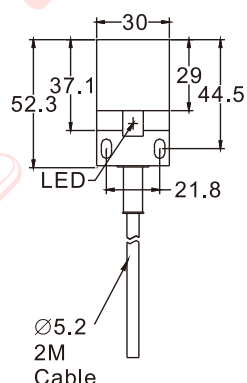
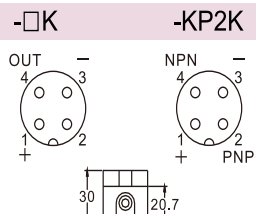
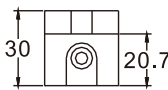
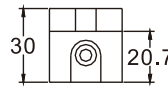
Timer / Counter

Others

Accessories




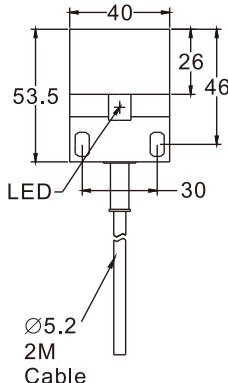
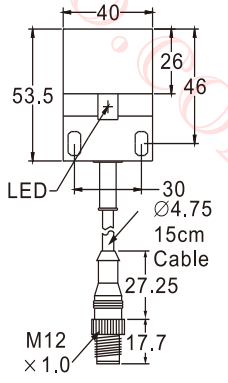
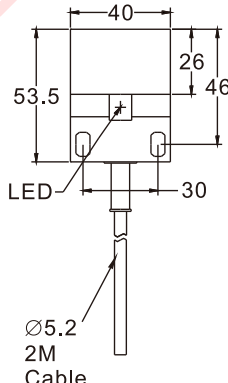

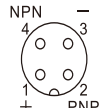

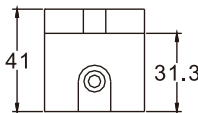
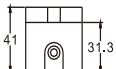
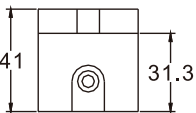
SN

Rectangular Inductive Proximity Sensor

Fiber	◆Shape / 外觀 :				
Photo Sensor	◆Specifications / 規格表 :				
Area Sensor	Output method / 輸出模式	NPN N.O.	SN10-N	SN10-NK	-
		NPN N.C.	SN10-N2	SN10-N2K	-
		PNP N.O.	SN10-P	SN10-PK	-
		PNP N.C.	SN10-P2	SN10-P2K	-
		NPN N.O./N.C. PNP N.O./N.C.	SN10-KP2	-	-
Ultrasonic Sensors		SCR N.O.	-	-	SN10-A
		SCR N.C.	-	-	SN10-A2
	Sensing Surface / 檢測方向	Top surface / 前方		Top surface / 前方	
	Standard sensing object / 標準檢測物	Iron 30 x 30 x 1mm		Iron 30 x 30 x 1mm	
	Sensing distance / 檢出距離	10 mm		10 mm	
	Secure sensing distance / 建議距離	0 to 8 mm		0 to 8 mm	
Inductive Proximity Sensor	Hysteresis / 遲滯	≤ 10 % of sensing distance		≤ 10 % of sensing distance	
	Response time / 反應時間	3.3 ms Max.		50 ms Max.	
	Operating voltage / 工作電壓	DC 10 ~ 30V		AC 90 ~ 260V	
	Current consumption / 消耗電流	≤ 8 mA no-load		2 mA Max.	
	Load current / 負載電流	100 mA Max. at DC 30V		5 ~ 300 mA Max.	
Capacitive Proximity Sensor	Leakage current / 漏電流	≤ 1.1 mA no-load		≤ 2.0 mA no-load	
	Residual voltage / 殘餘電壓	≤ DC 1.5V		≤ AC 4V	
	Insulation resistance / 隔離阻抗	20M Ω min. (DC500V)		20M Ω min. (DC500V)	
	Voltage withstandability / 絕緣耐壓	AC1000V 60Hz for 60 Sec.		AC1000V 60Hz for 60 Sec.	
	Operating temperature / 工作溫度範圍	-20 °C ~ + 60 °C		-20 °C ~ + 60 °C	
	Protection degree / 防水等級	IP 66	IP 66	IP 66	
Timer / Counter	Wiring method / 出線方式	Pre-wired Ø5.2 x 2M/3-wires (KP2:Ø5.2 x 2M/4 wires)	M12 pigtailed type /M12 接頭15cm 電線式	Pre-wire Ø5.2 x 2M/2-wires	
	Weight / 重量	Approx.125g	Approx.70g	Approx.125g	
Others	◆Dimensions/尺寸圖 :				
Accessories			 <p>-□K -KP2K</p> <p>OUT 4 - NPN 4 - 3 3 1 1 2 2 + + PNP</p> 		

Rectangular Inductive Proximity Sensor

SN

◆Shape / 外觀 :				
◆Specifications / 規格表 :				
Output method / 輸出模式	NPN N.C.	SN20-N2	SN20-N2K	-
	PNP N.O.	SN20-P	SN20-PK	-
	PNP N.C.	SN20-P2	SN20-P2K	-
	NPN N.O./N.C. PNP N.O./N.C.	SN20-KP2	-	-
	SCR N.O.	-	-	SN20-A
	SCR N.C.	-	-	SN20-A2
Sensing Surface / 檢測方向	Top surface / 前方		Top surface / 前方	
Standard sensing object / 標準檢測物	Iron 40 x 40 x 1mm		Iron 40 x 40 x 1mm	
Sensing distance / 檢出距離	20 mm		20 mm	
Secure sensing distance / 建議距離	0 to 16 mm		0 to 16 mm	
Hysteresis / 遲滯	≤ 10 % of sensing distance		≤ 10 % of sensing distance	
Response time / 反應時間	20 ms Max.		50 ms Max.	
Operating voltage / 工作電壓	DC 10 ~ 30V		AC 90 ~ 260V	
Current consumption / 消耗電流	≤ 8 mA no-load		2 mA Max	
Load current / 負載電流	100 mA Max at DC 30V		5 ~ 300 mA Max	
Leakage current / 漏電流	≤ 1.1 mA no-load		≤ 2.0 mA no-load	
Residual voltage / 殘餘電壓	≤ DC 1.5V		≤ AC 4V	
Insulation resistance / 隔離阻抗	20M Ω min. (DC500V)		20M Ω min. (DC500V)	
Voltage withstandability / 絕緣耐壓	AC1000V 60Hz for 60 Sec.		AC1000V 60Hz for 60 Sec.	
Operating temperature / 工作溫度範圍	-20 °C ~ + 60°C		-20 °C ~ + 60°C	
Protection degree / 防水等級	IP 67	IP 67	IP 67	
Wiring method / 出線方式	Pre-wired Ø5.2 x 2M/3-wires (Kp2:Ø5.2 x 2M/4 wires)	M12 pigtailed type /M12 接頭15cm 電線式	Pre-wire Ø5.2 x 2M/2-wires	
Weight / 重量	Approx.170g	Approx.118g	Approx.170g	
◆Dimensions/尺寸圖 :				
				
				

Fiber

Photo Sensor

Area Sensor

Ultrasonic Sensors

Inductive Proximity Sensor

Capacitive Proximity Sensor

Timer / Counter

Others

Accessories