

# Rectangular Inductive Proximity Sensor

# SN



◆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 66	IP 66	IP 66	
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	

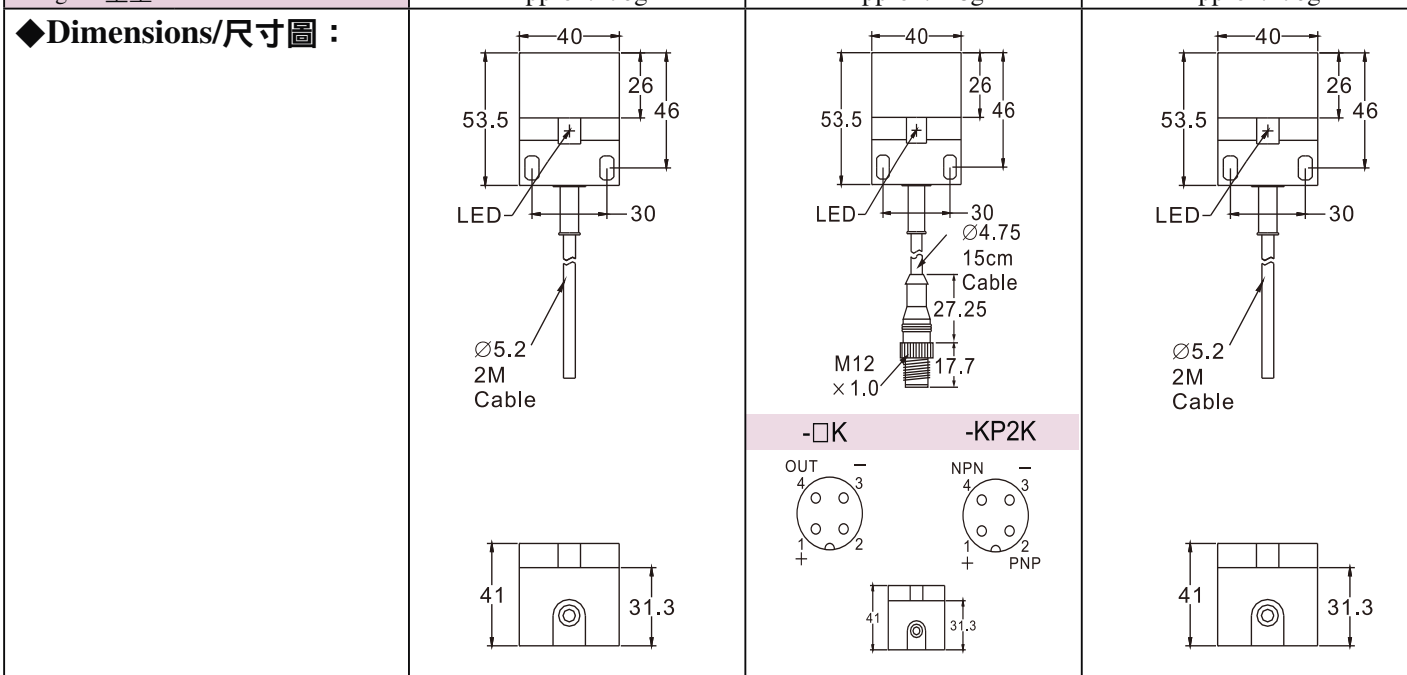


Photo Sensor  
Area Sensor  
Inductive Proximity Sensor  
Capacitive Proximity Sensor  
Timer / Counter  
Others  
Accessories