

Long Sensing Range Rectangular Inductive Proximity Sensor





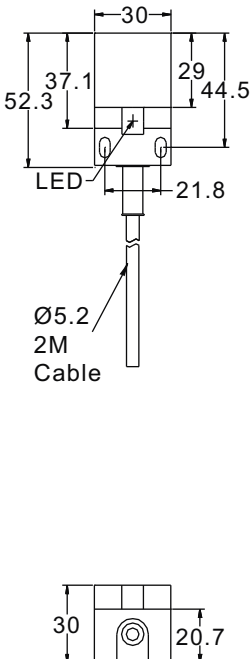
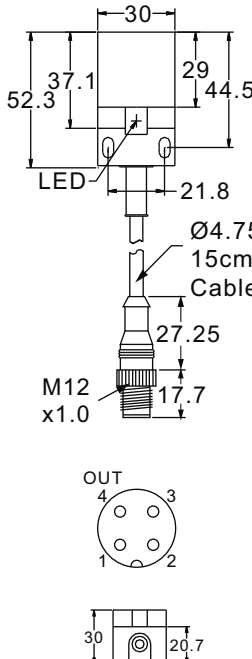
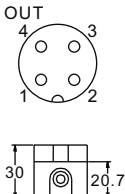
◆Shape / 外觀 :			
◆Specifications / 規格表 :			
Output method 輸出模式	NPN N.O.	TSN18-N	TSN18-NK
	NPN N.C.	-	-
	PNP N.O.	TSN18-P	TSN18-PK
	PNP N.C.	-	-
	NPN N.O./N.C.	-	-
	PNP N.O./N.C.	-	-
	SCR N.O.	-	-
	SCR N.C.	-	-
Sensing Surface / 檢測方向		Top surface / 前方	
Standard sensing object / 標準檢測物		Iron 30 x 30 x 1mm	
Sensing distance / 檢出距離		18 mm	
Secure sensing distance / 建議距離		0 to 14.4 mm	
Hysteresis / 遲滯		≤ 15 % of sensing distance	
Response time / 反應時間		5ms Max.	
Operating voltage / 工作電壓		DC 12 ~ 24V	
Current consumption / 消耗電流		≤ 8 mA no-load	
Load current / 負載電流		100 mA Max. at DC 24V	
Leakage current / 漏電流		≤ 1.1 mA no-load	
Residual voltage / 殘餘電壓		≤ DC 1.5V	
Insulation resistance / 隔離阻抗		20MΩ min. (DC500V)	
Voltage withstandability / 絕緣耐壓		AC1000V 60Hz for 60 Sec.	
Operating temperature / 工作溫度範圍		-5 °C ~ + 50 °C	
Protection degree / 防水等級		IP 66	IP 66
Wiring method / 出線方式		Pre-wired Ø5.2 x 2M/3-wires	M12 pigtailed type / M12 接頭15cm 電線式
Weight / 重量		Approx.125g	Approx.70g
◆Dimensions/尺寸圖 :		 <p>Dimensions for pre-wired sensor: 30mm width, 52.3mm height, 37.1mm sensing distance, 29mm LED distance, 44.5mm total height, 21.8mm cable diameter (Ø5.2), 2M cable length.</p>	 <p>Dimensions for pigtailed sensor: 30mm width, 52.3mm height, 37.1mm sensing distance, 29mm LED distance, 44.5mm total height, 21.8mm cable diameter (Ø4.75), 15cm cable length, 27.25mm M12 connector height, 17.7mm connector diameter (M12 x1.0).</p> <p>OUT 4 3 1 2</p>  <p>Terminal layout diagram: 30mm width, 20.7mm height.</p>

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