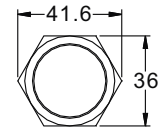
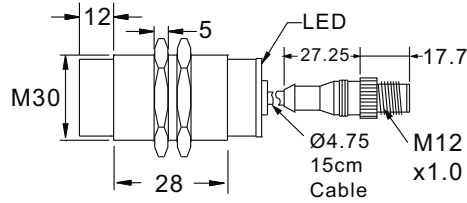
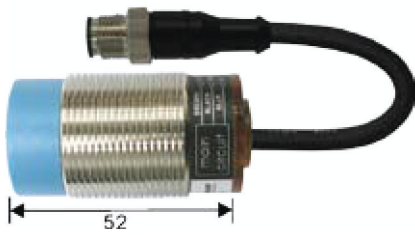


# Long Sensing Range Tubular Inductive Proximity Sensor

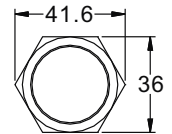
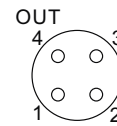
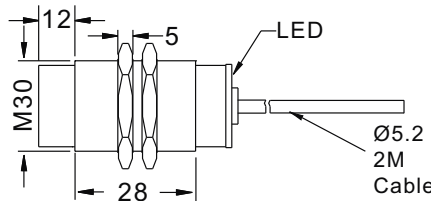
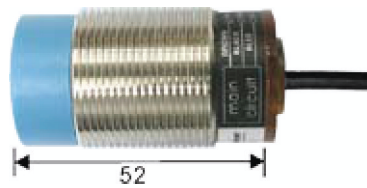
## M30

### Specifications/規格表：

#### TSC3025-□K



#### TSC3025-□



Output method / 輸出模式	NPN N.O.	TSC3025-N	TSC3025-NK
	PNP N.O.	TSC3025-P	TSC3025-PK
Sensing type / 檢出方式	Unshielded / 非隔離型		
Description / 外型	Standard / 標準M30		
Standard sensing object / 標準檢測物	Iron 30 x 30 x 1 mm		
Sensing distance / 檢出距離	25 mm		
Secure sensing distance / 建議距離	0 to 20 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	-5°C ~ + 50°C		
Protection degree / 防水等級	IP 66		
Wiring method / 出線方式	Ø5.2 x 2M / 3-wire	M12 pigtailed type / M12接頭15cm電線式	
Weight / 重量	Approx. 135g	Approx. 80g	

Photo Sensor

Area Sensor

Inductive Proximity Sensor

Capacitive Proximity Sensor

Timer / Counter

Others

Accessories