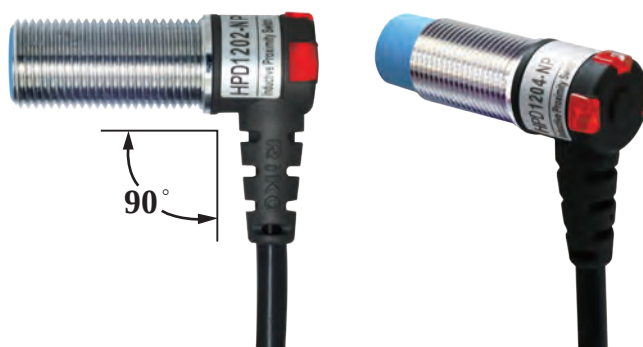


Heat-Resistant 90° Inductive Proximity Sensor

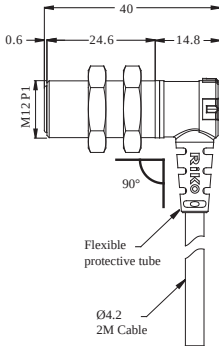
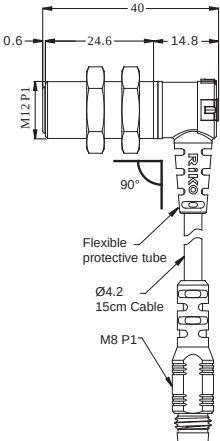
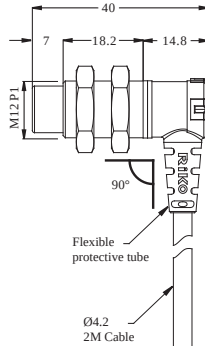
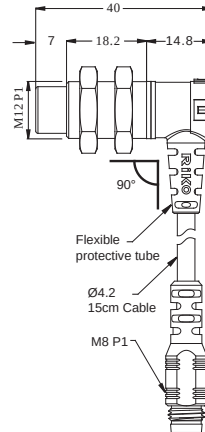
M12

◆ Characteristic / 特點：

- 110 degree C.
/ 耐高溫110℃內，合適高溫作業。
- Anti-bending design. / 耐彎包覆保護設計。
- Protection rating : IP67. / IP67防水等級。
- 90 degree wiring for easy mounting.
/ 垂直90°出線，安裝便利。



◆ Specifications / 規格表：

Output method 輸出模式	NPN N.O	HPD1202-N	HPD1202-ND	HPD1204-N	HPD1204-ND
	NPN N.C.	HPD1202-N2	HPD1202-N2D	HPD1204-N2	HPD1204-N2D
	PNP N.O.	HPD1202-P	HPD1202-PD	HPD1204-P	HPD1204-PD
	PNP N.C.	HPD1202-P2	HPD1202-P2D	HPD1204-P2	HPD1204-P2D
	NPN N.O./N.C. PNP N.O./N.C.	—	—	—	—
Sensing distance / 檢出距離		2 mm		4 mm	
Secure sensing distance / 建議距離		0 to 1.6 mm		0 to 3.2 mm	
Standard sensing object / 標準檢測物		Iron 12 × 12 × 1 mm			
Sensing type / 檢出方式		Shielded / 隔離型		Unshielded / 非隔離型	
Description / 外型		Standard M12 / 標準M12			
Hysteresis / 遲滯		≤ 10 % of sensing distance			
Response time / 反應時間		DC Type 1 ms Max.			
Operating voltage / 工作電壓		DC 12 ~ 24 V			
Current consumption / 消耗電流		DC: ≤ 14 mA no-load			
Load current / 負載電流		DC:100 mA Max. at DC 24V			
Leakage current / 漏電流		≤ 1.1 mA no-load			
Residual voltage / 殘餘電壓		≤ DC 2V			
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		-20℃ ~ + 110℃			
Protection degree / 防水等級		IP 67			
Wiring method / 出線方式		Ø4.2x2M/3-wires	M8 pigtailed type / M8接頭15cm電線式	Ø4.2x2M/3-wires	M8 pigtailed type / M8接頭15cm電線式
Weight / 重量		Approx.60g	Approx.20g	Approx.56g	Approx.16g
◆ Dimensions / 尺寸圖： (unit:mm)					
					

Inductive / Capacitive Proximity Sensor

PSD18-LA/LV
PSC18-LA/LV
SC18-LA/LV

HPD
HPS

Ø4
M5
Ø6
M8
M12
M18
M30

JN
JND
KND
PN
PND
RN
SN
TSN

SID
SIR
SIA

PKC
KC
KCM
KCP