

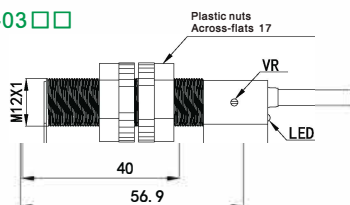


Appearance						
Mounting	Shielded			Unshielded		
Housing size	M12	M18	M30	M12	M18	M30
Sensing distance	1~3mm adjustable	2~8mm adjustable	2~20mm adjustable	1~6mm adjustable	2~15mm adjustable	2~30mm adjustable
Housing material	PBT					
Operating voltage	10~30V DC(Ripple < 10%)					
Voltage drop	< 2V					
Load Current, Max	150mA	300mA		150mA	300mA	
Current consumptio	< 10mA					
Leakage current	< 0.01mA					
Switch frequency	100Hz					
Repeat accuracy	< 5% (Sr)					
Hysteresis	< 15% (Sr)					
Sensing surface material	PBT					
Operating Temperature	-25℃~+75℃					
Protective circuit	Short circuit					
Degree of protection	IP67					
Model	NPN	CKF12-03	CKF18-08	CKF30-20	CKN12-06	CKN18-15
N	Normally open	NO	NO	NO	NO	NO
Others	NO: NPN Normally open	NC: NPN Normally closed	PO: PNP Normally open	PC: PNP Normally closed		CKN30-30

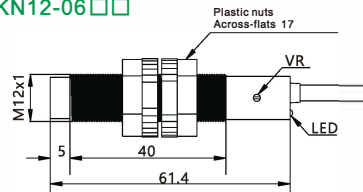
Dimensions-Plastic Shells (Unit:mm)

M12

CKF12-03□□

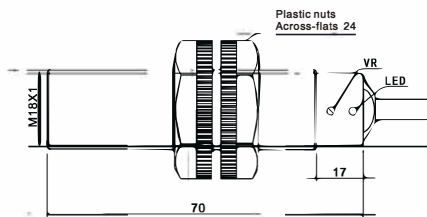


CKN12-06□□

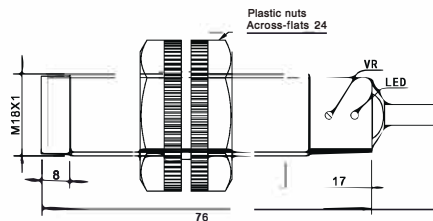


M18

CKF18-08□□

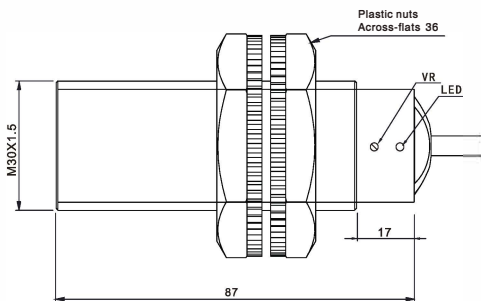


CKN18-15□□

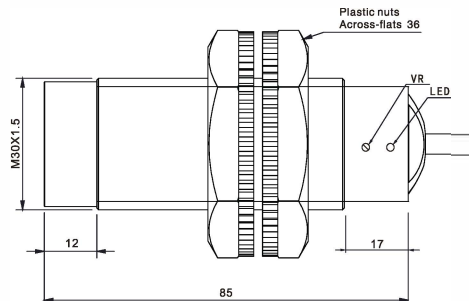


M30

CKF30-20□□



CKN30-30□□



Corrosion Resistance

Corrosion resistance

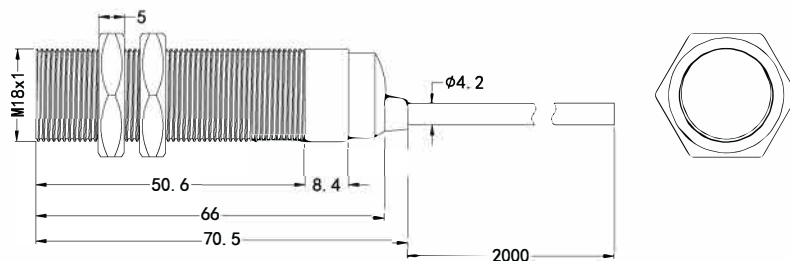


Appearance

Mounting	Shielded
Housing size	M18
Sensing distance	1~10mm adjustable
Detectable objects	Metal、Water、Oil、Glass、Plastic、Paper
Operating voltage	12~24V DC(Ripple < 10%)
Voltage drop	< 1.5V
Load Current, Max	100mA
Current consumption	< 22mA
Leakage current	< 1.1mA
Response time	≤ 14ms
Isolation impedance	≥ 20M Ω (500V DC)
Hysteresis	< 10% (Sr)
Insulation withstand voltage	AC 1000V 60Hz lasts 60 Sec
Operating temperature	-20℃~+60℃
Degree of protection	IP66
Connection	φ 4.2X2m 4 core cable
Weight	≈ 78g
Model No.	CWF18-10NP (NPN NO/NC PNP NC/NO)

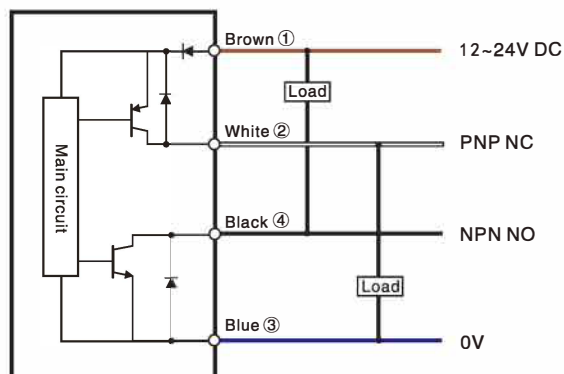
Dimensions

Unit:mm

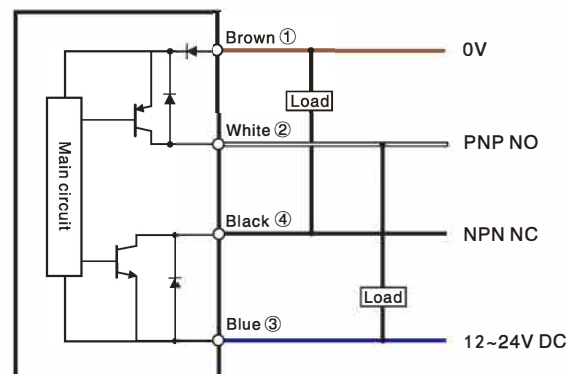


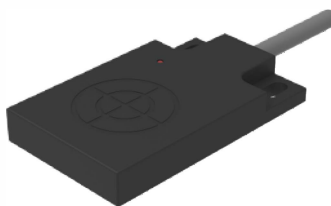
Circuit diagram

Method 1:



Method 2:

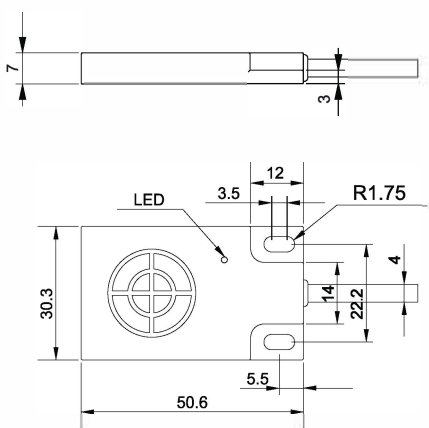




Appearance

Sensing distance	5mm(adjustable)	10mm(adjustable)
Housing material	Plastic, black/blue	
Operating voltage	24V DC(Ripple < 10%)	
Voltage drop	≤15V@1L=50mA	
Output type	NPN or PNP – NO/NC	
Load Current, Max	≤50mA	
Current consumption	≤100mA	
Switch frequency	10Hz	
Repeat accuracy	< 5%	
Operating Temperature	0°C ~ +60°C	
Storage temperature	-30°C ~ +75°C	
Temperature drift	≤20%	
Protective circuit	Reverse polarity, Over voltage pulse protection, Short circuit	
Degree of protection	IP67	
Model No.	NPN Normally open CQ07-05 NC NPN Normally closed CQ07-10 NC	
Others	NC :NPN Normally open NC :NPN Normally closed PC :PNP Normally open PC :PNP Normally closed	

Dimensions (Unit:mm)



ООО "РусАвтоматизация"

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