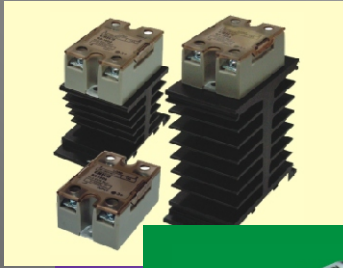




Photo & Proximity Sensor

Wide operating voltage range 10-30 VDC
 Quick delivery and variety selection
 High quality , High durability
 Light / Dark selectable



Inductive Proximity Sensor



Type	PX-Q04	PX-Q05	PX-Q3010	PX-Q4020
Sensing distance	4mm	5mm	10mm	20mm
Response frequency	500Hz	500Hz	300Hz	50Hz
Standard sensing object	Iron 18x18mm	Iron 17x17mm	Iron 30x30mm	Iron 40x40mm
Protection degree	IP66			



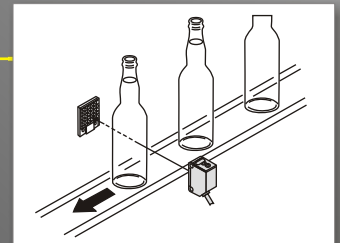
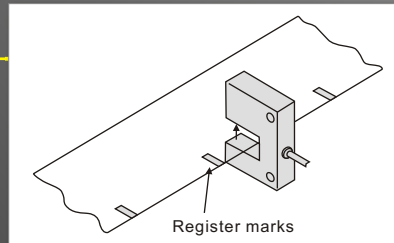
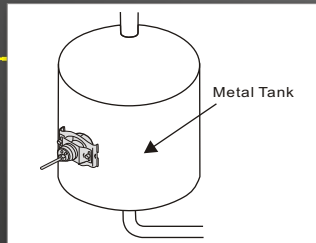
Type	PX-C0801	PX-C0802	PX-C1202	PX-C1204
Sensing distance	1mm	2mm	2mm	4mm
Response frequency	1KHz	1KHz	1KHz	500Hz
Standard sensing object	8φ		12φ	
Protection degree	IP66			



Type	PX-C1805	PX-C1808	PX-C3010	PX-C3015
Sensing distance	5mm	8mm	10mm	15mm
Response frequency	500Hz	500Hz	300Hz	100Hz
Standard sensing object	18φ		30φ	
Protection degree	IP66			

Application

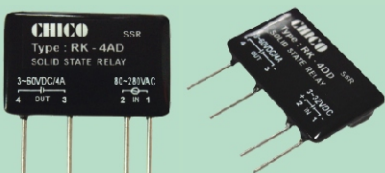
Detecting Level Marks & Bottles



Solid State Relay



Type	RA-DA	RA-DA-H	RA-AA	RA-AA-H	RA-VA	RA-VA-H	RA-DD	RA-DD-H
Load current	5-80A	10-80A	5-80A	10-80A	5-40A	10-40A	5-10A	5-10A
Output voltage	24-380VAC	75-480VAC	24-380VAC	75-480VAC	24-380VAC	75-480VAC	5-60VDC	5-200VDC
Input voltage	3-32 VDC		80-250 VAC		250KΩ / 500KΩ / 1MΩ		3-32 VDC	
Control method	Zero cross trigger				Phase control		Isolated by photocouple	

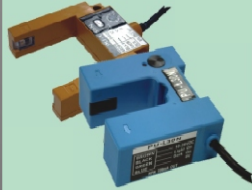


Type	RK-2DA	RK-4DA	RK-6DA	RK-2DD	RK-4DD	RK-2AD	RK-4AD
Load current	2A	4A	6A	2A	4A	2A	4A
Output voltage	24-280 VAC			3-60 VDC		3-60 VDC	
Input voltage	3-32 VDC			3-32 VDC		80-280 VAC	
Weight	10g	12g	12g	10g	12g	10g	12g

U Type Photoelectric Switch Sensor



Type	PU-10N	PU-10AB
Detecting distance	10mm	
Response frequency	1KHz	2KHz
Output type	NPN NO/NC	NPN A/B
Protection degree	IP64	



Type	PU-L30N	PU-L50N
Detecting distance	30mm	50mm
Response frequency	200Hz	250Hz
Output type	NPN NO/NC	
Protection degree	IP67	



Type	PU-M07G	PU-M07R
Emitter	Green light	Red light
Detecting distance	7mm	
Response frequency	1KHz	
Output method	NPN & PNP Output NO	

Noncontact Thermocouple



Type	NT-K350	NT-K500
Temp. range	0-350	30-500
Output	K Type / Voltage	
Accuracy	± 2% ~ ± 5%	
Response	350mSec	

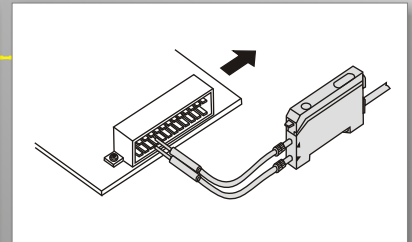
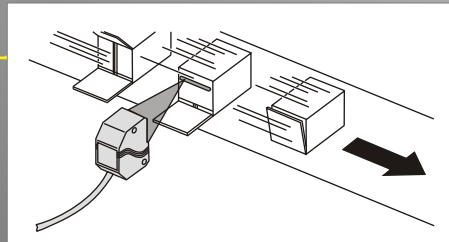
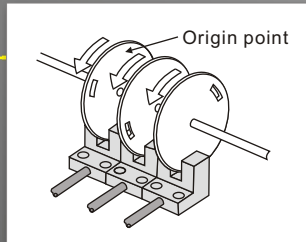
Capacitive Proximity Sensor



Type	PC-C18	PC-C30
Sensing distance	1-10mm	3-25mm
Response frequency	70Hz	30Hz
Protection degree	IP66	

Type	PC-M18	PC-M30
Sensing distance	2-15mm	2-30mm
Response frequency	100Hz	
Protection degree	IP67	

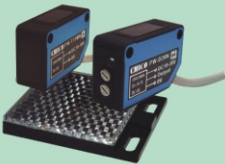
Application



Mini Photo Sensor



Type	PK-D30N	PK-R200N	PK-T600N
Sensing distance	30cm	2m	6m
Response time	2ms Max.		
Output method	NPN & PNP Output NO		
Protection degree	IP65		



Type	PW-D20N	PW-D90N	PW-R600N	PW-T15MN
Sensing distance	200mm	900mm	6m	15m
Response time	0.5ms			
Output method	NPN open collector			
Protection degree	IP65			

M18 Tubular Photo Sensor



Type	PF-D30K	PF-R200K	PF-T500K
Sensing distance	30cm	2m	5m
Response time	1.5ms Max.		
Output method	NPN & PNP Output NO/NC		
Protection degree	IP66		



Type	PH-D40N	PH-R200N	PH-T800N
Sensing distance	40cm	2m	8m
Response time	1.5ms Max.		
Output method	NPN Output NO/NC		
Protection degree	IP66		

Fiber Amplifier



Type	FW-10N
Detection range	Φ1.0 Fiber 4~5cm
Response time	Less than 3.0ms
Output method	NPN Output NO/NC
Protection degree	IP66



Type	FX-10KT
Light source	Red LED 625nm
Response time	1mSec
Output method	NPN & PNP Output NO/NC
Sensitivity adjustment	4 turns trimmer

Controller Unit



Type	PT-R1	PT-R2	PT-R1T	PT-R2T
Power	AC110V	AC220V	AC110V	AC220V
Controller	Relay Out		Timer Function	
Input signal	NPN / PNP			
Relay output	250VAC 3A			



Type	PT-A1	PT-A2
Rated voltage	AC110V	AC220V
Consumed power	2VA	
Input signal	NPN / PNP	
Relay output	250VAC 5A	

Free Power Photo Sensor



Type	PA-D100A/D300A	PA-R400A	PA-T10MA/T100MA
Sensing distance	100/200/300cm	400cm	10/20/100m
Response time	15ms		
Output method	Relay		
Operating voltage	12-240VDC , 24-240VAC 50/60Hz		

Ring Photo Sensor



Type	PO-Q36-K
Scan distance	36mm
Detectable objector	5mm Min.
Output method	NPN & PNP Output NO/NC
Protection degree	IP64