

Micro slot type

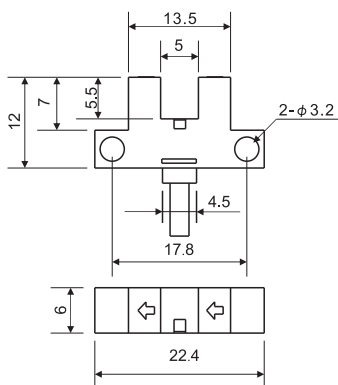
NEW!

Appearance						
Shape	K shape	L shape	F shape	R shape	U shape	
Sensing distance	5mm (Slot width)					
Standard detection objects	Opaque (Size: > 2.0*2.0mm)					
Repeat accuracy	< 0.03mm					
Output type	NPN or PNP open–collector					
Switch type	Selectable L.on, D.on					
Indicator	Light off when objects are detected; light on when no ojects are detected					
Response frequency	3KHz					
Light source	Infrared LED (940nm)					
Operating voltage	5~24V DC					
Voltage drop	< 50mA (Load current 5mA)					
No–load supply current	≤15mA					
Surge protection	reverse polarity protection					
Ambient illuminance	< 1000 lux (Illuminated surface of incandescent lamp)					
Ambient temperature	Operating temp:–25℃~+55℃, storage temp:–30℃~+80℃ no freezing					
Ambient humidity	Working Humidity :5%~85% storage humidity:5%~95%, no coagulating					
Withstand voltage	AC,1000V 1min, Between all power connection terminals and housing					
Anti–vibration	10~55Hz, Amplitude1.5mm, x, y, z three directions 2 hours each					
Material	Housing,cover : PBT ; receiver& emitter : PC					
Connection	2M 4core cable					
Degree of protection	IP50					
Model	NPN	SK-206NA-W	SL-205NA-W	SF-202NA-W	SR-204NA-W	SU-201PA-W
	PNP	SK-206PA-W	SL-205PA2-W	SF-202PA-W	SR-204PA-W	SU-201PA-W

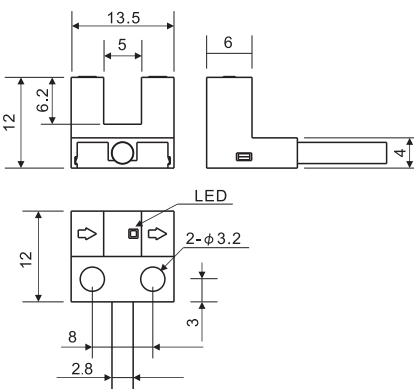
Dimensions

Unit: mm

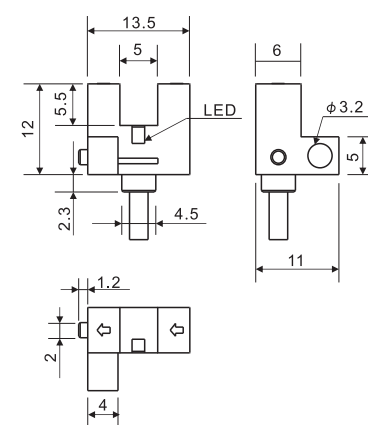
K Shape



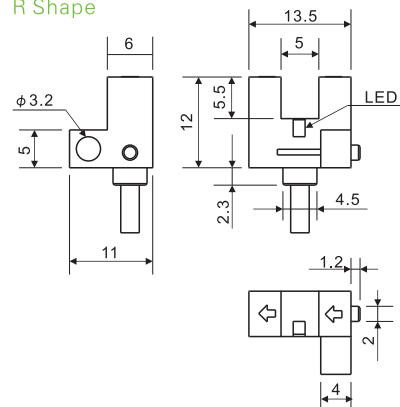
L Shape



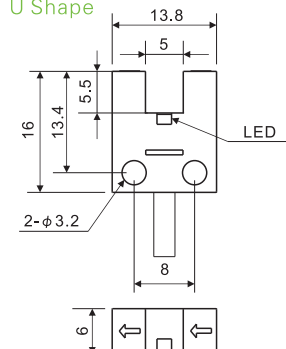
F Shape



R Shape



U Shape



Guidance

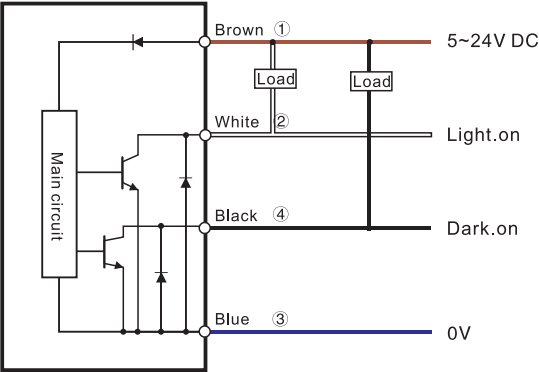
Slot type sensors

Micro slot type

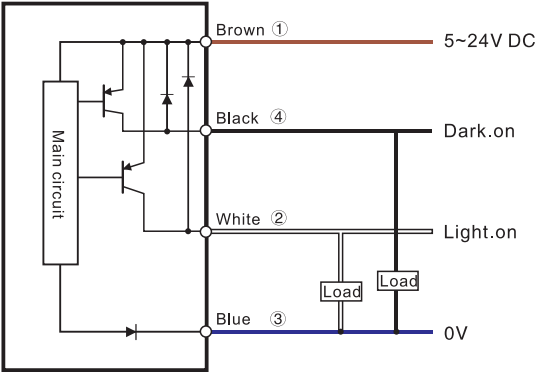
Slot type

Wide slot type

DC 4-wires NPN



DC 4-wires PNP



- Fiber Optic
- Slot Sensors
- Photoelectric
- Laser
- Proximity
- Displacement
- Magnetic
- Contact
- Light Curtains
- Ultrasonic
- Cables
- Tester
- Wide slot type

- Guidance
- Slot type sensors
- Micro-slot type
 - Slot type
 - Wide slot type

Slot type

Slot Sensors

Appearance							
Shape	F Shape	T Shape	R Shape	L Shape	K Shape	Y Shape	
Sensing distance	5mm (Slot width)						
Standard sensing objects	Opaque (Size:1.2*1.8mm)						
Repeat accuracy	< 0.03mm						
Output type	NPN or PNP open—collector						
Switch type	Selectable L.on, D.on						
Indicator	Red LED						
Response frequency	3KHz						
Response time	≦0.3ms						
Light source	Infrared LED (940nm)						
Operating voltage	5~24V DC						
Voltage drop	< 1.5V (when use 2m cable, load current is 100mA)						
No—load supply current	< 15mA						
Protective circuit	Surge protection, Reverse polarity protection						
Ambient temperature	Operating temp:—25℃~+55℃, storage temp:—30℃~+80℃ no freezing						
Ambient humidity	Working Humidity :5%~85% storage humidity:5%~95%, no coagulating						
Ambient illuminance	Incandescent lamp ≦1000Lux						
Degree of protection	IP50						
Material	PC						
Connection	2M 4core cable						
NPN	Light on when objects are detected	SF-302N-W	ST-303N-W	SR-304N-W	SL-305N-W	SK-306N-W	SY-307N-W
	Light off when objects are detected	SF-302NA-W	ST-303NA-W	SR-304NA-W	SL-305NA-W	SK-306NA-W	SY-307NA-W
PNP	Light on when objects are detected	SF-302P-W	ST-303P-W	SR-304P-W	SL-305P-W	SK-306P-W	SY-307P-W
	Light off when objects are detected	SF-302PA-W	ST-303PA-W	SR-304PA-W	SL-305PA-W	SK-306PA-W	SY-307PA-W

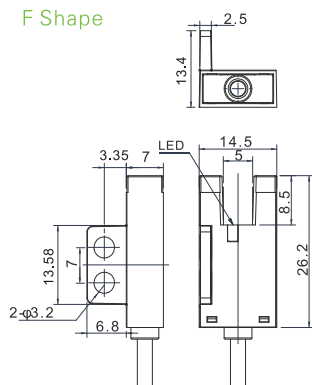
Fiber Optic
Slot Sensors
Photoelectric
Laser
Proximity
Displacement
Magnetic
Contact
Light Curtains
Ultrasonic
Cables
Tester

Guidance

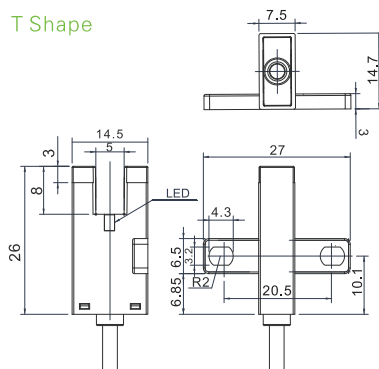
Slot type sensors
Mirco slot type
Slot type
Wide slot type

Dimensions

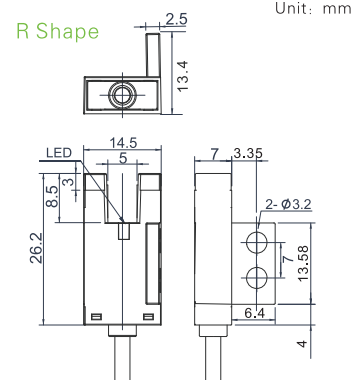
F Shape



T Shape

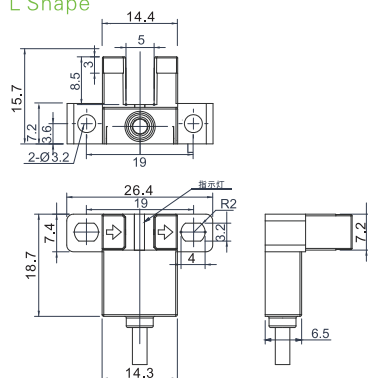


R Shape

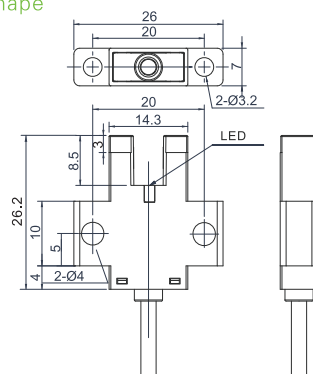


Unit: mm

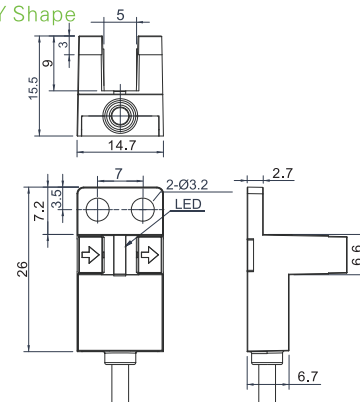
L Shape



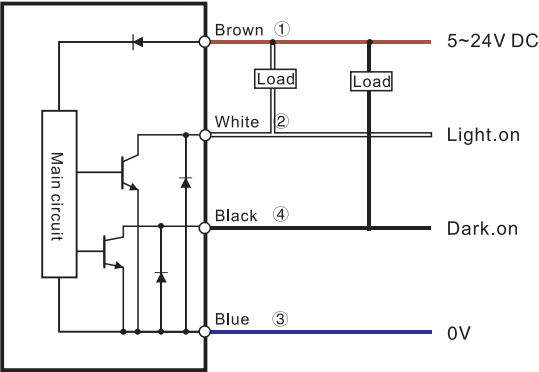
K Shape



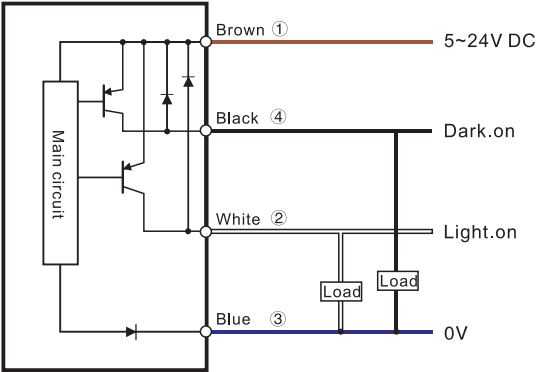
Y Shape



DC 4-wires NPN



DC 4-wires PNP



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