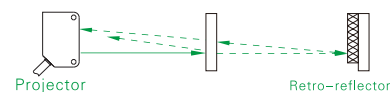


Transparent Detection

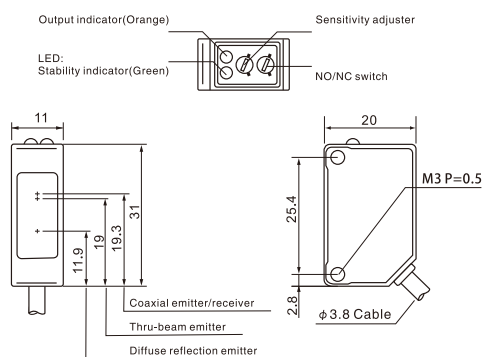
EST Series



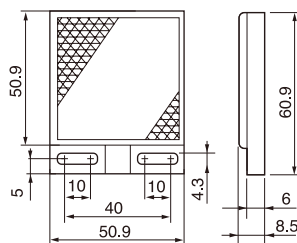
Appearance	Retro-reflection	
Sensing type	General Type	Coaxial beam
Spot size	0.01~2m	0~2m
Sensing distance	φ 300mm/200cm	φ 60mm/200cm
Output type	NPN/PNP Open-collector, ≤100mA/30V DC	
Switch type	Selectable L.on/D.on	
Indicator	Work indicator: Green; Output indicator: Orange	Output indicator: Orange
Response time	0.5 ms	
Light source	Red light LED(660nm)	
Operating voltage	10~30V DC ± 10%	
Current consumption	< 20mA	
Load current	≤ 100mA	
Ambient illuminance	Sunlight ≤ 10000Lux, Incandescent lamp ≤ 3000Lux	
Ambient temperature	-25°C ~ +55°C, No freezing	
Ambient humidity	35% ~ 85% RH, No condensation	
Degree of protection	IP67	
Connection method	2M 3 core cable	
Material	ABS with glass fiber (Housing); PMMA(Lens)	
Accessories	reflector	Bracket, reflector, mounting screw
Model No.	NPN	EST-200N HOT
	PNP	EST-200P

Dimensions

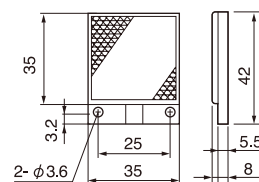
Unit: mm



EST-200 Reflector:



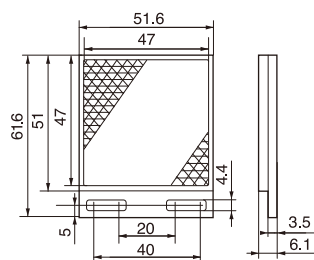
(Standard TD-11)



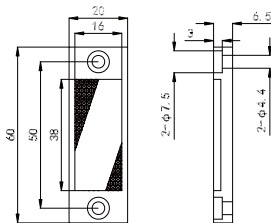
(Optional TD-12)

Noted:
Coaxial products only have one orange LED output indicator.

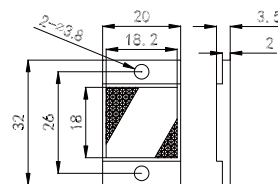
EST-X200 Reflector:



(Standard TD-13)

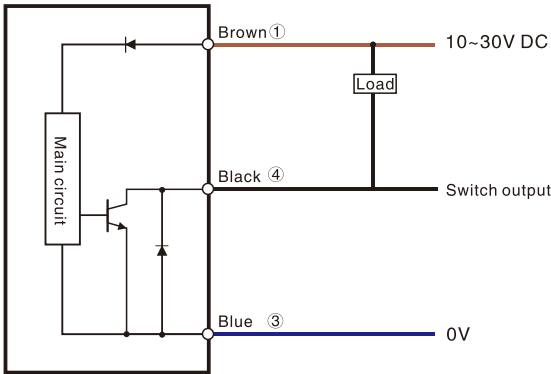


(Optional TD-14)

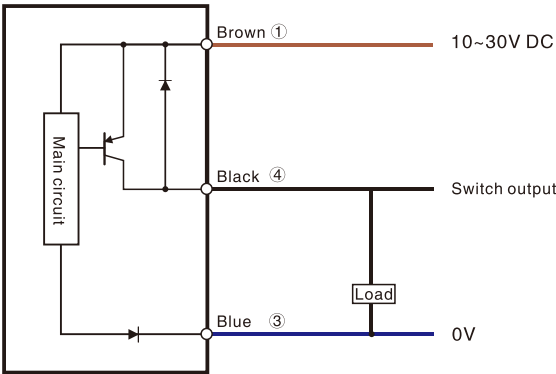


(Optional TD-15)

NPN Output



PNP Output



Fiber Optic
Slot Sensors
Photoelectric
Laser
Proximity
Displacement
Magnetic
Contact
Area
Ultrasonic
Vision
Code Readers
Vibration
Temperature
Accessories

Guidance

Photoelectric
Cylindrical
Square
Flat type
Thin type
BGS
Transparent detection
Color/Mark Detection
TOF type
IP69K high protection type
Anti-glare type
IO-Link type
Reflectors
Reflectors