

Square

PTZ Series

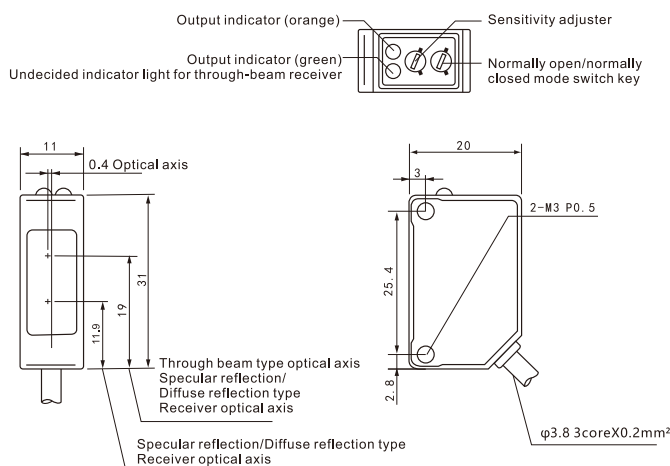


Appearance

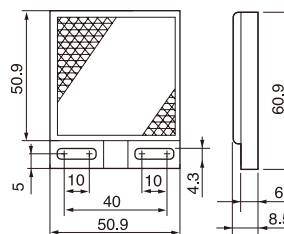
Sensing type	Disffuse refection	Thru-beam	Retro-reflection
Sensing distance	100cm	2000cm	400cm
Beam size	φ 75mm / 1000mm	φ 800mm / 20m	φ 200mm / 4m
Output type	NPN/PNP Open-collector, ≤ 100mA		
Switch type	Selectable L.on/D.on		
Indicator	Motion indicator:Green;Output indicator:Yellow		
Response time	0.5ms		
Sensitivity adjustment	Single turn potentiometer		
Light source	Red LED 660nm		
Operating voltage	10~30V DC ± 10%		
No-load supply current	≤25mA	Emitter≤20mA, Receiver≤15mA	≤20mA
Ambient luminance	Sunlight ≤ 1000Lux, Incandescent lamp ≤ 3000Lux		
Ambient temperature	-25℃~55℃ no freezing		
Ambient humidity	35~85% RH, No coagulating		
Shock resistance	100G (1000m/s ²)		
Degree of protection	IP67		
Connection method	2M/3 core cable		
Material	ABS contain optic fiber(body);PMMA(lens)		
Accessories	None		Reflector
Model No.	NPN	PTZ-D70N HOT	PTZ-TM20N
	PNP	PTZ-D70P	PTZ-TM20P
			PTZ-R400N
			PTZ-R400P

Dimensions

Unit: mm



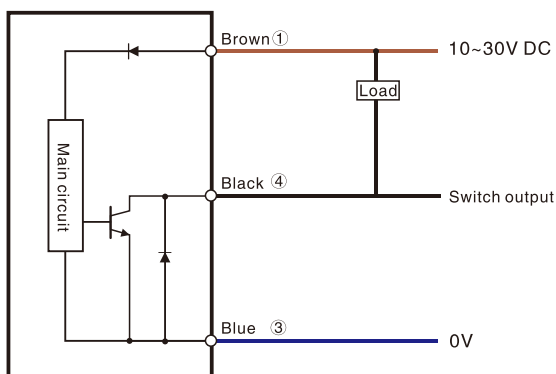
PTZ-R400 Reflector



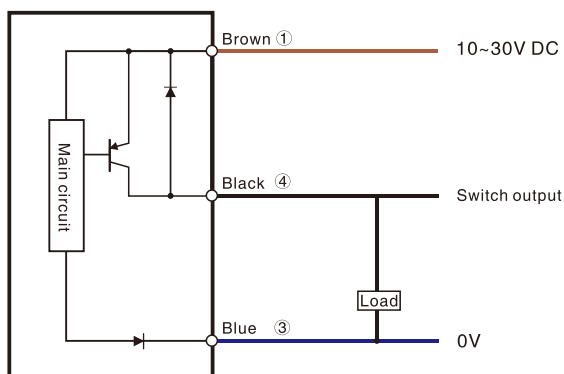
(Standard TD-11)

Circuit diagram

NPN Output



PNP Output



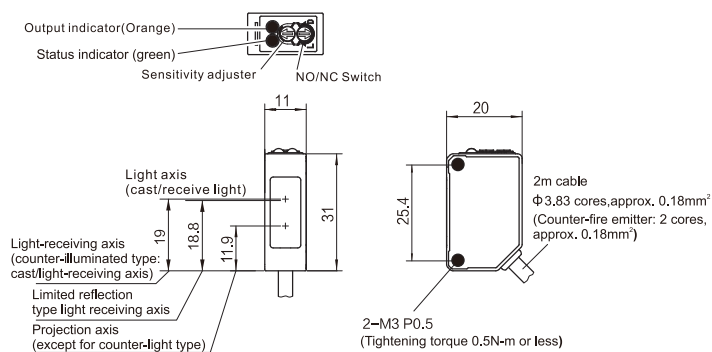
**IO-Link**
NEW!

Appearance

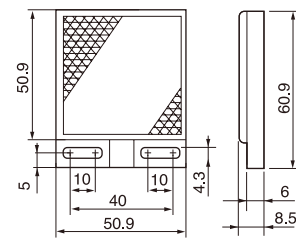
Sensing type	Diffuse reflection		Thru-beam reflection		Retro-reflection	
Sensing distance	0~1m(white paper200X200mm)		25m		0.01~4m(with reflector)	
Spot diameter	φ 75mm / 1m		φ 1800mm / 25m		φ 280mm / 4m	
Output type	NPN/PNP Open-collector, ≤100mA(30VDC)					
Switch type	L.on/D.on selectable					
Indicator	Input indicator: orange, Status indicator: green					
Response time	≤500us					
Sensitivity	Single turn adjuster					
Light source	Red light LED					
Operating voltage	10~30V DC±10%					
Current consumption	≤20mA	Emitter≤14mA, Receiver≤20mA			≤20mA	
Hysteresis	≤20%	-				
Function	IO-LINK					
Ambient light	Sunlight≤50000Lux, Incandescent lamp≤5000Lux					
Ambient temperature	-25℃~+55℃, no freezing					
Ambient humidity	35%~85% RH, No condensation					
Degree of protection	IP67					
Connection	3 wire 2m cable, 2 wire 2m cable for thru-beam models					
Material	ABS (housing) +PMMA (window)					
Accessories	-					
Model No.	NPN	PTZ-D70N-C	PTZ-TM25N-C		PTZ-R400N-C	
	PNP	PTZ-D70P-C	PTZ-TM25P-C		PTZ-R400P-C	

尺寸规格

单位: mm



Reflector for PTZ-R400-C



(Optional TD-11)

Fiber Optic
Slot Sensors
Photoelectric
Laser
Proximity
Displacement
Magnetic
Contact
Area
Ultrasonic
Vision
Vibration
Temperature
Annexes

Guidance

Photoelectric

Cylindrical

Square

Flat type

Thin type

BGS

Transparent detection

Color/Mark Detection

TOF reflective

IP69K high protection type

Anti-glare type

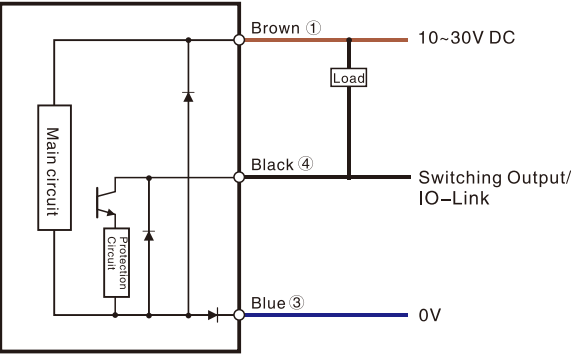
Reflectors

Reflectors

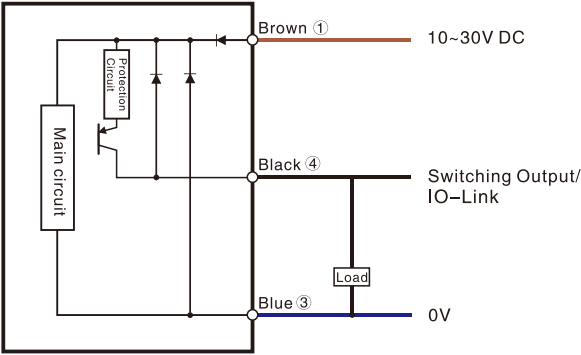
Square

Circuit diagram

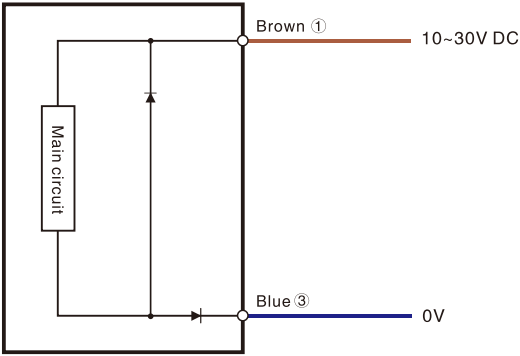
NPN Output



PNP Output



Opposed-fire Launcher



Guidance

Photoelectric

Cylindrical

Square

Flat type

Thin type

BGS

Transparent detection

Color/Mark Detection

TOF reflective

IP69K high protection type

Anti-glare type

Reflectors

Reflectors