



Economical Type



Appearance	
Sensing type	Retro-reflection
Sensing distance	3m
Spot size	φ 90mm / 3m
Output type	NPN , ≤ 100mA ( 30V DC )
Switch type	L.on / D.on Switchable
Indicator	Motion indicator: Red ; Operating indicator: Green
Response time	<1ms
Sensitivity adjustment	Single-turn potentiometer
Light source	Red light LED 623 nm (modulated)
Operating voltage	10~30V DC
Current consumption	≤20mA
Ambient illuminance	Sunlight ≤ 10000 Lux; Incandescent Lamp ≤ 3000 Lux
Ambient temperature	-25°C~+55°C, No freezing
Ambient humidity	35%~85%RH, No condensation
Anti-vibration	10 ~ 50Hz, 0.5mm amplitude, 2 hours each in X, Y, Z directions
Circuit protection	Power reverse polarity protection, output reverse polarity protection, surge protection, short circuit protection
Degree of protection	IP65
Connection method	2M/3 cores cable, φ 4mm
Material	PBT+Fiberglass ( Housing ) , PMMA ( Lens )
Accessories	Screwdriver, reflector
Model No.	<b>PTE-R30024N-S</b>

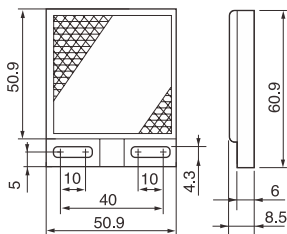
Note: Add more on Electrical data as below:

\*Special function: Contact Maker AKUSENSE or UFO VNTECH company

## Dimensions

Unit: mm

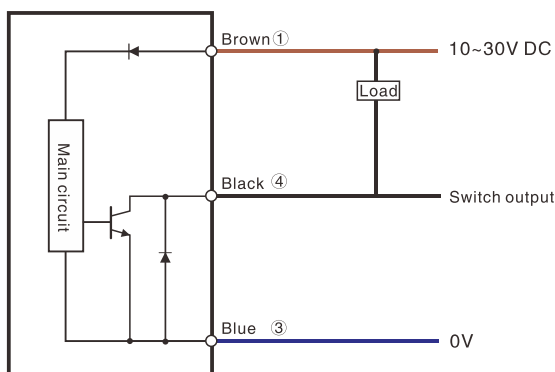
### Reflector for PTE-R300



(Standard TD-11)

## Circuit diagram

### NPN 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