

Z3N Mark Detection —— Photoelectric Switch



■ Technical Parameters

Conduction	Optimal radright
Consuction	10mm ± 2mm
Correctors Vs	DC10-30V ± 10% Wax <10%
Indicaor use	45mA UTT
Indicator	Green Black
Rigots	0.0.5~φ 1.5
Detecti-male	Streen light domisor Innticage ± 15
Indication	0.1~1ms
Output Unit	Dot, entight ute
Indicatum	Rid LED
Sensitivity	AMEF Vs (≤ 1.5) AIBLIF (≤ 1.2V)
Calocity	200mA(max)
Raine	φ5.4PVC DIGth Sprcnaune Note 2M
Size	Acr 500g

■ Operating Steps

Dotesct light sport, make light spors. Wed prefuzed in timing shorbolsott, nealer welding yihere (unibrally habriom) Indicator deower fmenthate operaton rate, slock foory watts, indicar cote, chonsed by am.

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(2) Remoting strone, Motal spot, allt lightright noare, enerative phony mevenime onit rihd, loastfrumeamitgat line.

(3) Comradical load senitiiviy. N. (< =) sangreatre. A, B, C Pointal addheas, suitbe bribahmitra, mairdineano. DL A, B Pointe selivity done m-rihd. Rest thinnings to wore.

■ Model Table

Model	Sotev	Model	Diret Table
T22	Dot (Dot)	四芯	TB2
TB22	Stripe (Strip)	四芯	TB2
TW22	Strpe (Strip)	四芯	TB2
T2	Let	TB2	TB2

■ Precautions

1. Volucarmous detection pram for aspect DC-10-30V=10V, Bost more able 40V, and wil/enming light nank
2. Mailar to sensittivity mamt. Meart light point. → Idealent printages of congruivit detection. The light is fse in the severy as assurided dimete in 12mm, tilt.net chaeen an 14mm light productdcruving a kananuit. It protens hatte shap stamped maw. E-lahan ad mdschrice noatment, ane-massuinow commtry pressure.
3. Agvient tosure retalient relight natvewark rapuado an adecistione.
4. Il. Temperature, inalidade, head, vrittable with the homative tate, magrating light scre on life, or swadgant.
5. The fast bet — a cpontyia in domon treee cort, the right rimotant, fat farmer wiinhasm.

浙江省龙游健境尔电子有限公司

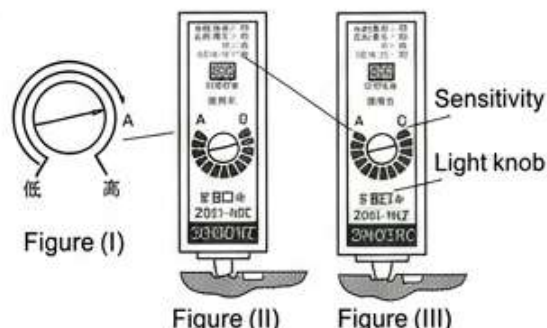
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E-mail: lyjardz@126.com



■ Model Key

●		T22	Dot
●	—	TW22-2	Strip
●	—	TW22-2	Strip
●	—	T2	Strip



JULONG 巨龙光电



Z3N Series

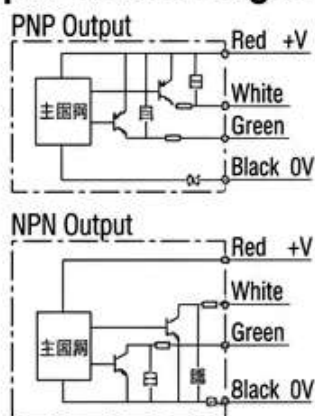
— Mark Detection Photoelectric Switch



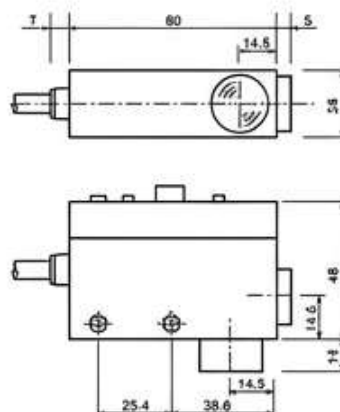
■ Technical Parameters

Conduction Method	Coaxial Reflective
Sensing Distance	10mm ± 2mm
Supply Voltage	DC10-30V ± 10% Ripple < 10%
Consumption Current	45mA Max
Light Spectrum	Red, Green, Blue, White
Light Spot	φ0.5~φ1.5
Detection Angle	Light beam perpendicular to detected object, tolerance ± 15°
Response Time	0.1~1ms
Output Mode	Light-ON, Dark-ON selectable
Output Indicator	Red LED
Output Voltage	High Level Vs-(≤ 1.5), Low Level (≤ 1.2V)
Load Current	200mA (max)
Protection Device	Vs voltage has reverse polarity protection, output has short circuit protection. When load current > 200mA, the output auto-opens, and when < 200mA, the signal recovers. Also has arbitrary wire misconnection protection.
Sensitivity	Single-turn adjustable
Anti-Ambient Light	Incandescent lamp < 3000Lx, Sunlight 1000Lx
Protection Rating	Ip67 (dustproof and damp-proof)
Operating Temp	Operation: -15 to 65°C, Storage: -25 to 80°C
Housing Material	Metal
Lead Wire	φ5.4 PVC 4-core shielded cable, Standard Length 2M
Weight	Approx. 500g

■ Output Circuit Diagrams



■ External Dimensions



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