



Z3K-T5 — Series

Mark Detection Photoelectric Switch



■ Main Features

- Coaxial Optical Structure
- Multiple Light Sources Optional
- Strong Metallic Housing Interference Resistance
- With Analog Output

■ Main Technical Parameters

Detection Method	Coaxial Reflective
Detection Distance	12mm ± 3mm
Supply Voltage Vs	DC10-30V ± 10%, Ripple < 10%
Current Consumption	Below 45mA
Light Spectrum	Red, Green, Blue, White Optional
Light Spot	Circular, Rectangular Optional
Detection Angle	Light ray perpendicular to the object surface, allowance ±15°
Response Time	0.1 ~ 1ms
Output Mode	Bright-ON, Dark-ON Both Available
Output Indicator	Red LED
Output Voltage	High Level ≥ Vs - (≤ 1.5V), Low Level ≤ 1.2V
Load Current	100mA
Analog Output	0-10mA
Circuit Protection	Vs polarity reverse protection, output short-circuit protection. Simultaneously has arbitrary misconnection protection.
Sensitivity	Single-turn Adjustable
Anti-ambient Light	Incandescent lamp 3000Lx, Sunlight 10000Lx
Protection Rating	IP67 (Moisture and Dust Proof)
Ambient Temperature	Operating -15 ~ 65°C, Storage -25 ~ 80°C
Housing Material	Metal
Lead-out Wire	φ 6.0 5-core shielded cable, Standard Length 2M

■ Model Selection

When ordering products of this series, please follow the naming method below to select the specific model:

Z3K-T5 - □□ - □

□□ [] — Light Source Selection: "R" for Red, "G" for Green, "B" for Blue, "W" for White.

[] — Light Spot Selection: "1" for Circular Spot, "2" for Rectangular Spot.

Example: Select Z3K-T5 series with "Blue, Green" double light sources combined, circular spot, as model: Z3K-T5-BG-1

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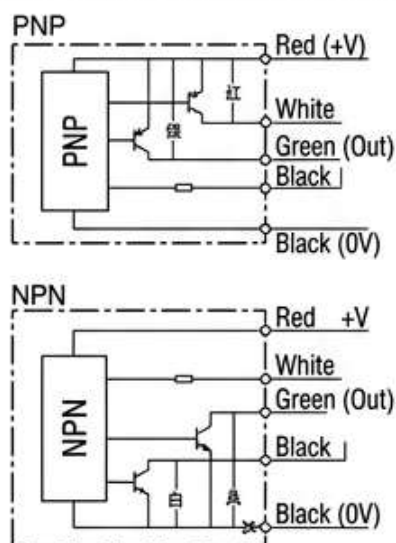
Website: www.JL-sensor.cn

E-mail: lyjardz@126.com

Network Name: Julong Photoelectric

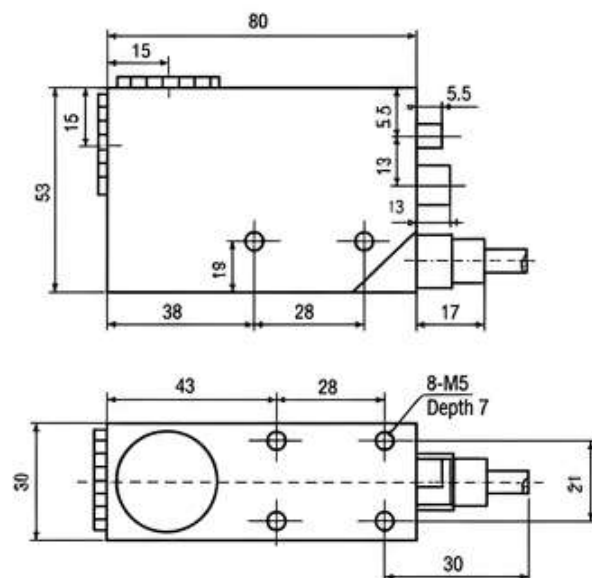


■ Main Technical Parameters



注：用户需要PNP输出时零走货

■ External Dimensions



■ 操作步骤

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■ Operation

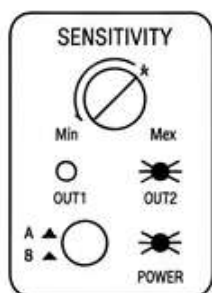
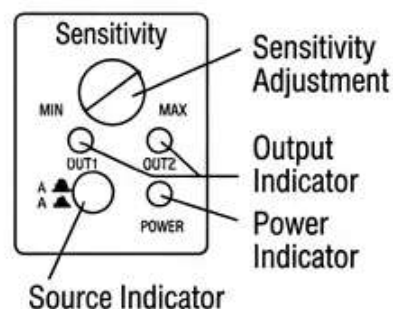


图 (一)

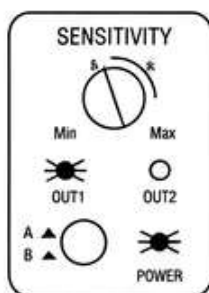


图 (二)

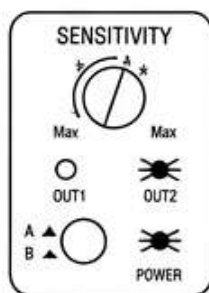
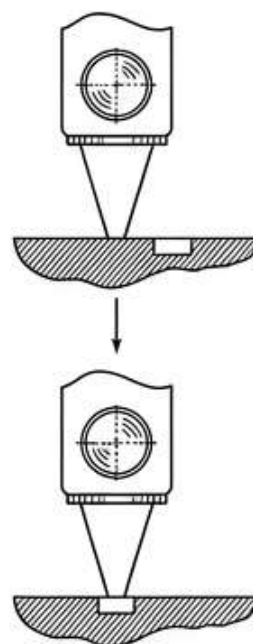


图 (三)



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