



## 1 产品概述 Product Summarize

JG-5 光电继电器是一种用于自动化控制的电子装置，它由光电继电器本身与发射头GTF-5、接收头GTS-5三件组成。当发射头投射在接收头上的光束被其间的运动物体遮断时，继电器的工作状态即产生变化，故能指示被加工工件是否存在或所在位置。此种光电继电器，可广泛地应用在冶金、机器制造、纺织、造纸等工业的电气传动控制系统中。

JG-5 photoelectric relay is electronic equipment used in automatic controlling, and it is composed by photoelectric relay, transmitting head GTF-5, and receiving head GTS-5. When the light projected on receiving head is interrupted by moving objects, the working status of relay would immediately change. Therefore, the relay can indicate the processed work piece exists or not or its position. This series are widely applying for electric drive control systems of metallurgy, machine manufacturing, textile processes and papermaking.

## 2 主要技术参数 Main Technological Parameter

- 1、电源：交流50Hz220V15%。(380V ± 15% 可供、需另行定货)
  - 2、发光头与接收头之间相距5M 以内继电器能可靠动作。
  - 3、晶体管放大器输入电流小于 30uA，继电器不应动作，大于 40uA 时继电器应可靠动作。
  - 4、本光电继电器提供两组切换式常开常闭触头，触头通断能力 DZ144 直流 100V1AJQX-4 交流 220V3A(阻性)。
1. Power supply: AC50Hz 220V 15% (supply 380±15%, but have to order separately)
  2. The distance between luminescence head and receiving head is below 5M, and the relay can operate reliably.
  3. When the input current of transistor amplifier should below 30uA, the relay should stop operating; when the input current >40uA, the relay can operate reliably.
  4. The photoelectric relays afford two groups of switching type normally open and normally closed contact, with the breaking capacity of DZ 144 DC 100V1AJQX-4 AC 220V3A (resistance).

## 3 安装开孔尺寸、接线图 Mounging plate opening size,Wiring drawing

