

KY-018

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Main specifications and Characteristics

1. The photosensitive resistances can be divided into three type by their spectral properties: UV resistance, infrared photosensitive resistance, visible light photosensitive resistor;
2. Main specifications are as follows:
 - 2.1. Dark current and dark resistance: When photosensitive resistance is under a certain applied voltage and there is no light, the flowing current through it is called dark current. The ratio of the applied voltage and the dark current is called dark resistance;
 - 2.2. Sensitivity : sensitivity is refer to the relative changed value from the resistance value off the light (dark resistance) to the resistance value under the light (light resistance).
 - 2.3.V-A character curve: the volt ampere characteristic curve is used to describe the relationship between the applied voltage and the photo current of the photosensitive resistance. For the photosensitive elements, the photo current increases with the increase of applied voltage.
 - 2.4. Temperature Coefficient: The temperature has a great influence on the photoelectric effect of the photosensitive resistance, photoelectric sensitivity of a part of the photosensitive resistances is high at low temperature, while it is low at high temperature.
 - 2.5. Rated power: Rated power refers to the power allowed to be consumed in a certain circuit with the photosensitive resistor. When the temperature increases, its consumed power will reduce.