





Model Number

GL5-J/43a/115

Photoelectric slot sensor with fixed cable

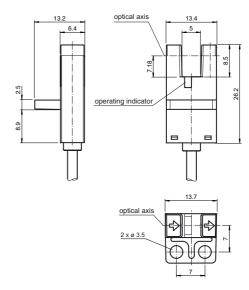
Features

- Miniature design
- Optimized for the detection of small parts
- High switching frequency
- Simple and fast mounting
- Clearly visible LED functional display

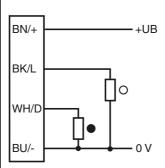
Product information

The GL5 miniature slot sensor compares a high optical performance in a small housing and is optimized to the requirements in semiconductors industry for small part detection. A wide voltage range of 5 - 24 V DC and the fastest switching frequency of 5 kHz in its class stands for the quality of this sensor. The integrated aperture allows the small part detection with a minimum object size of 0.8 x 1.8 mm. The sensor offers antivalent npn or pnp outputs. Due to a variety of different housings and an optimized housing concept offers the sensor a maximum of freedom in a crowded mounting environment.

Dimensions



Electrical connection



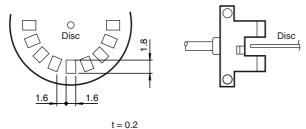
- O = Light on
- = Dark on

CCC approval / marking not required for products rated ≤36 V

Response frequency

CCC approval

The response frequency is the value when the disc, given in the figure below, is rotated.



Applications

The GL5 is suited for applications in the semiconductor and electronic industrial environment.

Typical applications include:

- 1. Detection of lead frames
- 2. Detection of cam positions
- 3. Detection of limit positions of moving objects
- 4. Position detection of wafer cases