





## **Model Number**

#### GL5-J/45a/59/115e

Photoelectric slot sensor 150 mm fixed cable with JST plug, 3-pin

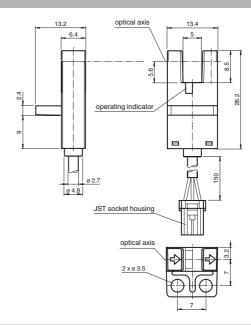
#### **Features**

- 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**



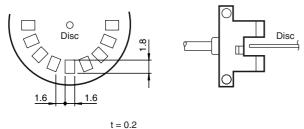
www.pepperl-fuchs.com

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
- Detection of cam positions
- Detection of limit positions of moving objects
- Position detection of wafer cases