





Model Number

GL5-F/25/45a/115e

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

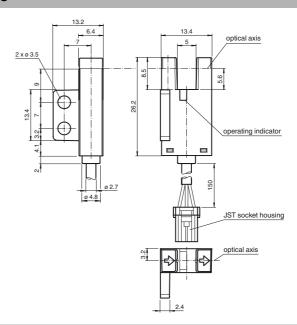
Features

- 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



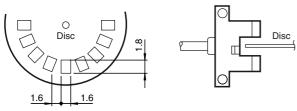
Approvals and certificates

UL approval cULus Recognized, Class 2 Power Source CCC approval

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

Response frequency

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



t = 0.2

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