



# **(**E

## **Model Number**

#### GL5-L/43a/115a

Photoelectric slot sensor with 0.2 m fixed cable and M8 plug, 4-pin

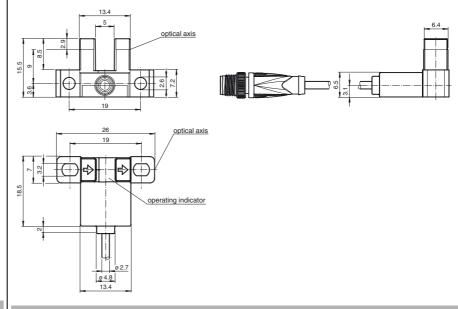
#### **Features**

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

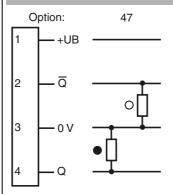
#### **Product information**

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**



- O = Light on
- = Dark on

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Complia	nce v	vith	stan	dards	and	directi-

ves

Directive conformity

EMC Directive 2004/108/EC EN 60947-5-2:2007+A1:2012

Standard conformity

Standards UL 60947-5-2

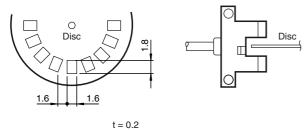
#### Approvals and certificates

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.



### 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
- 3. Detection of limit positions of moving objects
- 4. Position detection of wafer cases