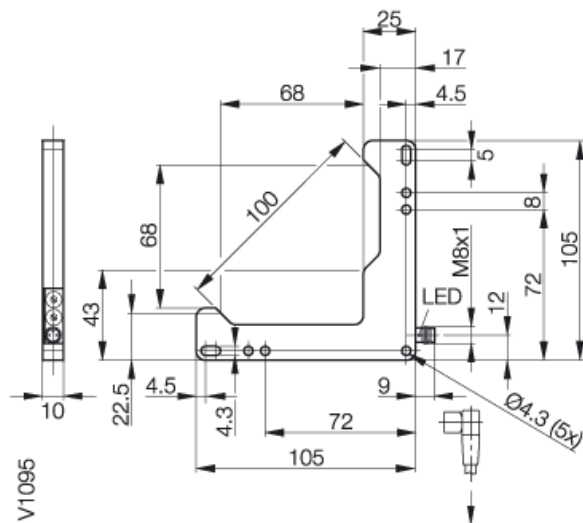


# BWL 6868D-L011-S49

Photoelectric Sensors,  
Angle Sensors

PNP, NO/NC switchable  
distance in x-axis = 68 mm  
distance in y-axis = 68 mm

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sensors worldwide



### Electrical data:

|  |         |
|--|---------|
| Load current capacity max. (I <sub>e</sub> )       | 200 mA  |
| Switching output                                   | PNP     |
| Operating frequency (f)                            | 3000 Hz |
| Current Consumption I <sub>o</sub> max. (No Load)  | 35 mA   |
| Supply voltage min.                                | 10 V    |
| Supply voltage max.                                | 30 V    |
| Voltage ripple max.                                | 10%     |
| Voltage drop U <sub>d</sub> max. at I <sub>e</sub> | 3 V     |

### Mechanical data:

|                          |                    |
|--------------------------|--------------------|
| Ambient temperature max. | +60 °C             |
| Ambient temperature min. | -10 °C             |
| weight                   | 75 g               |
| Sensing face material    | Glass              |
| Housing material         | Aluminium anodized |
| distance in x-axis       | 68 mm              |
| distance in y-axis       | 68 mm              |

### Optical data:

|                             |              |
|-----------------------------|--------------|
| Emitter type                | Red Laser    |
| Wavelength of emitted light | 650 nm       |
| permissible ambient light   | EN 60947-5-2 |

### General data:

|                                     |                             |
|-------------------------------------|-----------------------------|
| Function indication                 | yes, red LED                |
| Degree of protection IP             | IP 67                       |
| Insulation class                    | 2                           |
| Protected against polarity reversal | yes                         |
| Approval                            | CE                          |
| Type                                | Laser Angular light barrier |

### wiring



### Pinout



[www.balluff.com](http://www.balluff.com)

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Online Productinformation  
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