



## W27-2 Actuator Sensor Interface

Save money and cabling with Actuator Sensor Interface technology

**SICK**  
Sensor Intelligence.



## Technical data overview

<b>Dimensions (W x H x D)</b>	24.6 mm x 80 mm x 53.5 mm
<b>Light source</b>	LED
<b>Type of light</b>	Infrared light / visible red light (depending on type)
<b>Enclosure rating</b>	IP67
<b>Housing material</b>	Plastic
<b>Adjustment</b>	Potentiometer / none (depending on type)



## Product description

The W27-2 Actuator Sensor Interface photoelectric sensors use less cabling and therefore reduce overall costs. These sensors are available in both a red light and an IR version. The red light version provides easy alignment while the IR variant offers greater sensing ranges. Front screen heating is also available to reduce condensation on the front screen.

## At a glance

- Integrated Actuator Sensor Interface
- Long sensing ranges with IR LED
- High operating reserve
- Optional front screen heating

## Your benefits

- Less cabling – due to Actuator Sensor Interface – simplifies setup
- Less contamination due to high operating reserves, reducing downtime
- Precise background suppression ensures reliable detection of multi-colored objects
- Optional front screen heating reduces condensation from forming on the front lens, thus reducing maintenance costs and downtime

## Ordering information

Other models and accessories → [www.sick.com/W27-2\\_Actuator\\_Sensor\\_Interface](http://www.sick.com/W27-2_Actuator_Sensor_Interface)

- **Functional principle:** Photoelectric proximity sensor
- **Functional principle detail:** Background suppression
- **Light source:** LED
- **Voltage type:** DC
- **Type of light:** Infrared light

Sensing range max.	Adjustment	Connection type	Type	Part no.
100 mm ... 1,500 mm	Potentiometer	Male connector M12, 4-pin	WT27-2Z210	1015098
			WT27-2Z240	1015137

- **Functional principle:** Photoelectric proximity sensor
- **Functional principle detail:** Background suppression
- **Light source:** LED
- **Voltage type:** DC
- **Type of light:** visible red light

Sensing range max.	Adjustment	Connection type	Type	Part no.
100 mm ... 1,000 mm	Potentiometer	Male connector M12, 4-pin	WT27-2Z230	1015099

- **Functional principle:** Photoelectric retro-reflective sensor
- **Light source:** LED
- **Voltage type:** DC
- **Type of light:** visible red light

Sensing range max.	Adjustment	Connection type	Type	Part no.
0.1 m ... 14 m	Potentiometer	Male connector M12, 4-pin	WL27-2Z230	1015112
			WL27-2Z240	1015136

- **Functional principle:** Through-beam photoelectric sensor
- **Light source:** LED
- **Voltage type:** DC
- **Type of light:** visible red light

Sensing range max.	Adjustment	Connection type	Type	Part no.
0 m ... 35 m	None	Male connector M12, 4-pin	WS/WE27-2Z250	1015140

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)