



WLL260

Fiber-optic sensor with stainless steel housing withstands harsh environmental conditions

FIBER-OPTIC SENSORS

SICK
Sensor Intelligence.



Technical data overview

Dimensions (W x H x D)	25 mm x 77.8 mm x 63 mm
Sensing range max.	0 mm ... 65 mm, Proximity system ^{1) 2)} 0 mm ... 110 mm, Proximity system ^{1) 3)} 0 mm ... 800 mm, Through-beam system ²⁾
Light source	LED
Type of light	Visible red light
Enclosure rating	IP66
Housing material	Plastic ABS
Adjustment	Potentiometer, 270°

¹⁾ Object with 90 % reflectance (referred to standard white, DIN 5033).

²⁾ LIS/LIB.

³⁾ With special fibre-optic cable.

Product description

The WLL260 stainless steel fiber-optic photoelectric sensor is characterized by its simplicity. Sensitivity control and light/dark switching features provide optimal possibilities for adjustment during operation. Control elements are easily accessible and protected by a cover. Various fiber-optic cables can be used in the through-beam or proximity version. In addition, both DC and DC/AC devices are available with the WLL260. Mounting brackets for the photoelectric sensor are also included.

At a glance

- Fiber-optic cable for proximity version
- Fiber-optic cable for through-beam version
- Mounting bracket is included
- Light/dark switching
- M12 connector or easily accessible terminal connection compartment
- Models for 10 – 30 V DC or 12 – 240 V DC/ 24 – 240 V AC voltage supply

Your benefits

- A diverse range of fiber-optic cables provide reliable detection of objects, even in the tightest of spaces
- Controls are protected under a cover, reducing tampering
- Easily accessible terminal connection compartment simplifies electrical connection
- Assembly compatibility - DC devices and DC/AC devices available in the same design

Ordering information

Other models and accessories → www.sick.com/WLL260

- **Sensing range max.:** 0 ... 150 mm
- **Switching mode:** Light/dark switching
- **Enclosure rating:** IP66
- **Adjustment:** Potentiometer

Connection type	Type	Part no.
Cable gland	WLL260-E240	6020063
	WLL260-F240	6020064
	WLL260-R240	6009503
	WLL260-S240	6009504
Male connector M12, 4-pin	WLL260-F440	6020065
	WLL260-S440S01	1015307

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