



PRODUCT OVERVIEW

V18

Photoelectric sensors

SICK

Sensor Intelligence



PHOTOELECTRIC SENSORS

V18

Laser sensor in cylindrical M18 housing

The V18 Laser family of photoelectric sensors offers modern laser technology with a small, highly visible light spot that detects small parts and offers precise sensing. These laser class 1 sensors provide long sensing distances and short response times. Yellow and green indicator LEDs ensure easy mounting, commissioning, adjustment and maintenance. Sensitivity can be set in several ways - either manually via a teach-in pushbutton or electronically using control input C.

V18 AT A GLANCE

BENEFITS

- Laser sensor in cylindrical M18 housing lowers installation costs
- Time-saving installation and commissioning due to clearly visible light spot
- Laser class 1 does not require any enhanced safety measures or labeling, which lowers installation costs
- Quick response time ensures reliable object detection at high speeds, which increases the machine's throughput

FEATURES

- Laser emitter LED enclosed in a cylindrical M18 housing
- Laser class 1
- Fast response time
- Straight or right-angle housing
- Durable metal housing
- IP 67
- Small visible light spot to detect small objects

TECHNICAL DATA OVERVIEW

Sensing range max.	
Photoelectric retro-reflective sensor	0 m ... 25 m
Light source	Laser
Type of light	Visible red light
Enclosure rating	IP67
Housing material	Metal

Select the right product variant and accessories directly online. There you will also find example applications as well as downloads such as CAD dimensional models, operating instructions and software.
www.sick.com/V18



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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnership with our customers is more than just a promise: Together, we optimize productivity, elevate quality, protect health and safety, and sustain the future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions.

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