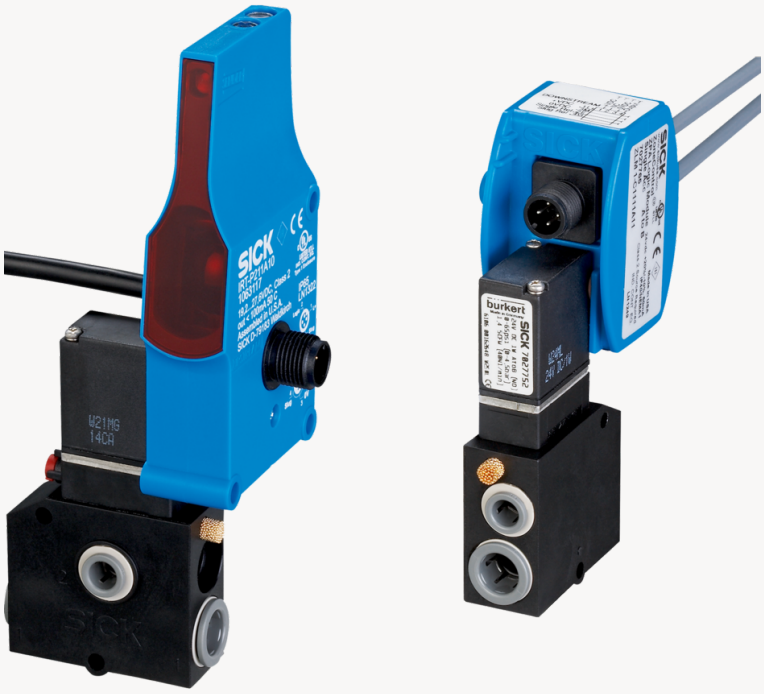
SICK.COM





PRODUCT OVERVIEW

ZoneControl

Photoelectric sensors

SICK Sensor Intelligence



PHOTOELECTRIC SENSORS

ZoneControl

Zero pressure accumulation made easy

Just as traffic lights regulate the flow of traffic in towns and cities, SICK's ZoneControl solutions control the flow of products on a belt – without the need for a PLC or another type of external control. ZoneControl by SICK consists of three product families to control the flow of products. This procedure is called zero pressure accumulation (ZPA). ZoneControl solutions are extremely easy to install (plug and play): Connect the ZoneControl products in series, install the sensor, and connect the pneumatic line or the connection to the motor-driven rollers. There is, therefore, no need for PLC programming, laptops, and expensive cabling. Each product contains one of two types of startup logic: single feed (with or without sleep function) and block (slug) feed, depending on the requirements of the application. So that the various requirements can be met, there are three mounting configurations to choose from: mounting between the rollers (R/IR), mounting on the side frame (ZLM), or mounting above the belt (WLR)

ZoneControl AT A GLANCE

BENEFITS

- Largest Zero Pressure Accumulation portfolio on the market gives users a wide variety of choices for their application
- SICK ZoneControl solutions control the flow of packages a on conveyor without a PLC or other external control
- Quick setup since no programming, no laptop, and no PLC interfacing are required
- With 20 years of ZoneControl experience and personal support from SICK experts, all application and product issues are quickly addressed
- Quick expansion or modification of the conveyor due to the modular design

FEATURES

- Three mounting types: mounting between the rollers (R/IR), mounting on the side frame (ZLM), or mounting above the belt (WLR)
- Three types of logic: single feed, single feed with sleep function, block (slug) feed
- Up to 50 ZoneControl solutions can be connected in series.
- Fully animated simulation to ease selection and implementation
- Standard cut lengths of 1 m (3 ft) or 2 m (6 ft)

TECHNICAL DATA OVERVIEW

Dimensions (W x H x D)	20.6 mm x 99.2 mm x 48.9 mm 59.9 mm x 151.9 mm x 48.9 mm 50 mm x 125.3 mm x 48.9 mm 50 mm x 147.4 mm x 48.9 mm 49.9 mm x 135.4 mm x 48.9 mm 54.6 mm x 131.5 mm x 46 mm 31 mm x 105 mm x 74 mm 31 mm x 93 mm x 74 mm 51.5 mm x 151.4 mm x 46 mm 18 mm x 99.5 mm x 46 mm 51.5 mm x 157 mm x 46 mm 31 mm x 110 mm x 83 mm 30 mm x 110 mm x 70 mm 45 mm x 73.7 mm x 48.6 mm
Functional principle detail	Background suppression
Light source	LED
Type of light	Infrared light / visible red light
Enclosure rating	IP67 IP65 IP54 IP40 NEMA 3
Housing material	Plastic
Adjustment	Potentiometer / none

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/ZoneControl

SICK AG
WALDKIRCH
GERMANY
SICK.COM

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.

SICK

Sensor Intelligence