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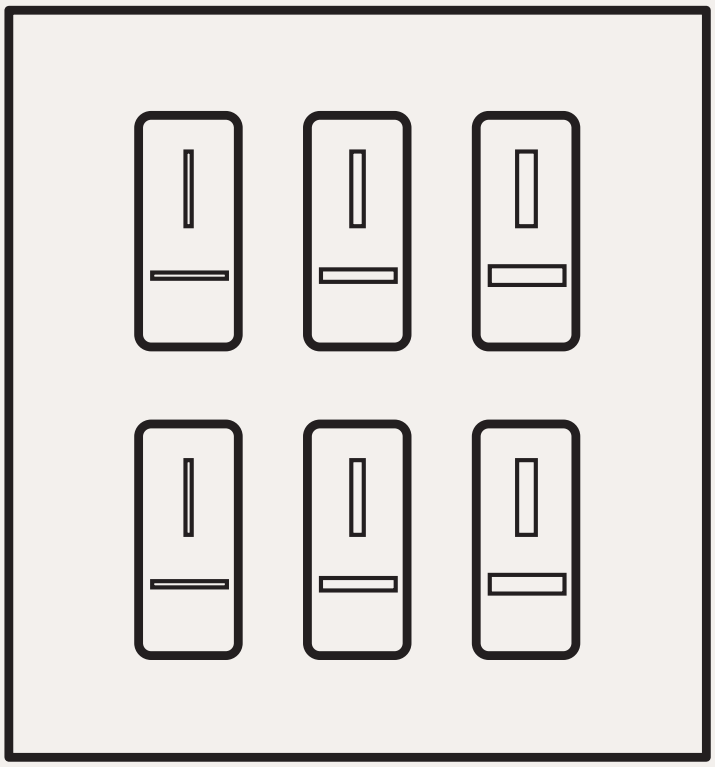
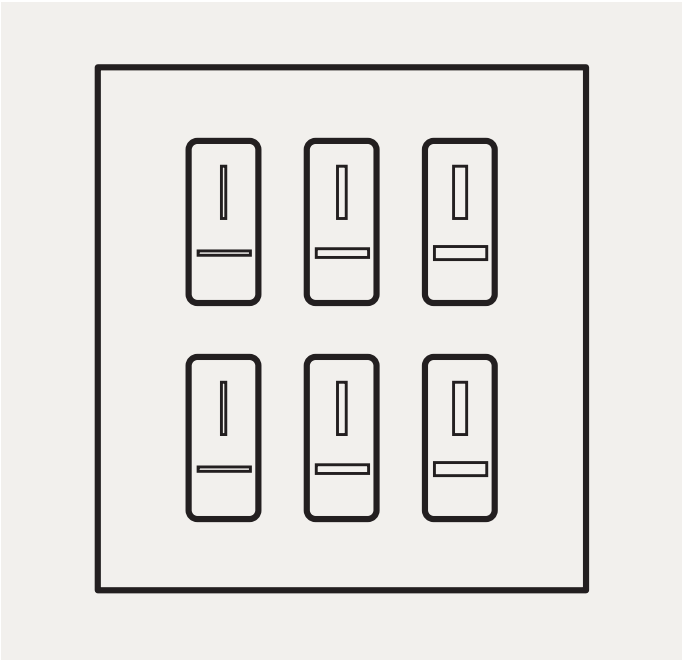


DATA SHEET

BL-100-10

Optical apertures
Reflectors and optics

SICK
Sensor Intelligence



REFLECTORS AND OPTICS

BL-100-10

ORDERING INFORMATION

Type	part no.
BL-100-10	5314182

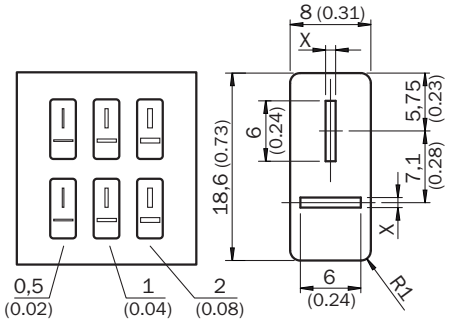
Further device versions and accessories at www.sick.com/Optical_apertures

DETAILED TECHNICAL DATA

FEATURES

Product segment	Reflectors and optics
Product	Optical apertures
Description	Slotted mask, transmitter and receiver each have 2 self-adhesive masks

DIMENSIONAL DRAWING



3 pairs included with apertures A, B, C.
Self-adhesive backing for easy mounting.
Apply stick-on mask to WS100 and WE100 front lens.
For small object detection or increasing indexing accuracy.

Sensing ranges with apertures applied:
A) Aperture 2.0 mm: Range = 4.0 m
B) Aperture 1.0 mm: Range = 2.0 m
C) Aperture 0.5 mm: Range = 1.0 m

Dimensions in mm (inch)

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/5314182



SICK AG
WALDKIRCH
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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 partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable 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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