



DATA SHEET

PL10FB-CHEM

Reflectors
Reflectors and optics



REFLECTORS AND OPTICS

PL10FB-CHEM

ORDERING INFORMATION

Type	part no.
PL10FB-CHEM	5327722

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

DETAILED TECHNICAL DATA

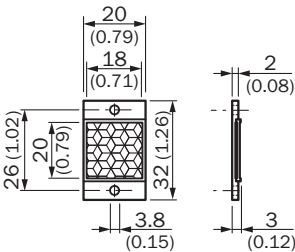
FEATURES

Product segment	Reflectors and optics
Product	Reflectors
Product version	Fine triple reflectors
Description	Fine triple reflector, chemically resistant, screw connection
Specialty	2-hole mounting for M3 screws
Special applications	Suitable for laser photoelectric sensors, detection of transparent objects with LED photoelectric sensors
Mounting system type	Screw-on
Material	Plastic
Ambient operating temperature	-20 °C ... +140 °C
Dimensions (W x H x L)	20 mm x 3 mm x 32 mm

CERTIFICATES

RoHS manufacturer declaration	✓
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DIMENSIONAL DRAWING



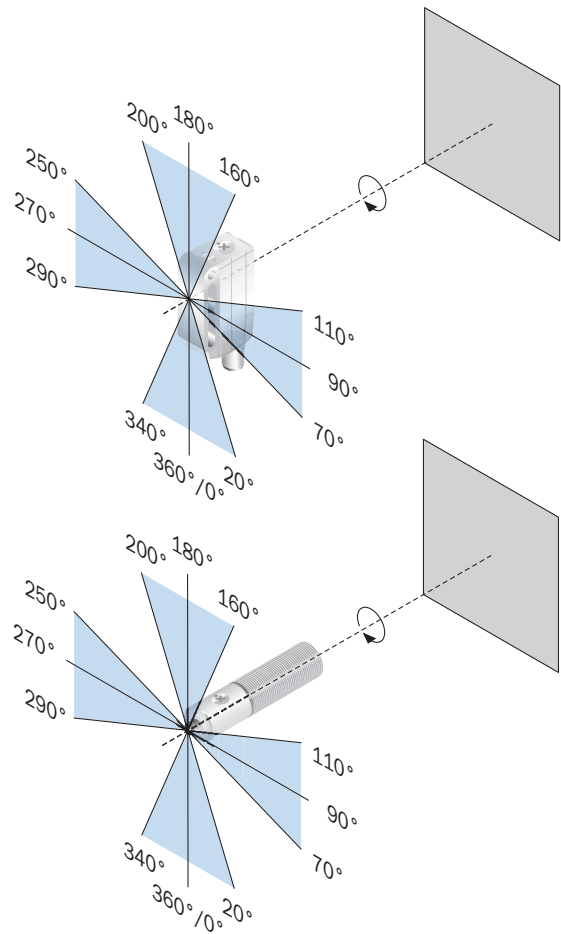
Dimensions in mm (inch)

INSTRUCTION FOR INSTALLATION

When using the REF-AC1000 or REF-AC1000xx reflective tape and the P41F reflector, attention must be paid to the operating range with respect to the angle of rotation. To guarantee reliable operation, the sensor and the reflector must only be used in the following angle of rotation ranges (rotation about the light beam axis), assuming the orientation between sensor and reflector shown in the diagram.

340°	—	20°
70°	—	110°
160°	—	200°
250°	—	290°

If the sensor is operated in another angle of rotation range when compared to the reflective tape, the reflection performance will be reduced to virtually zero.



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/5327722



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SICK AT A GLANCE

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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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