polarizing filter

Optical filters

REFLECTORS AND OPTICS

SICK
Sensor Intelligence.

polarizing filter | Optical filters

Ordering information

Type	part no.
polarizing filter	2145345

Other models and accessories ➜ www.sick.com/Optical_filters

Detailed technical data

Features

Product segment	Reflectors and optics
Product	Optical filters
Description	Used with illumination with visible light (e.g. white). A polarizing filter is used to reduce reflections that can occur on shiny surfaces or through shiny transparent materials such as films. The filter enables better code detection or ensures more reliable inspection of shiny objects and easier setup.
Suitable for	Lector83x, Inspector83x
Material	Magnet: NdFeB (neodymium iron boron), Polarizing filter substrate: PMMA
Ambient operating temperature	0 °C ... +50 °C
Storage temperature	−20 °C ... +70 °C
Dimensions (W x H x L)	8.32 mm
Diameter	54.5 mm
Weight	8 g

Classifications

ECLASS 5.0	27279206
ECLASS 5.1.4	27279206
ECLASS 6.0	27279206
ECLASS 6.2	27279206
ECLASS 7.0	27279206
ECLASS 8.0	27279206
ECLASS 8.1	27279206
ECLASS 9.0	27273604
ECLASS 10.0	27273604
ECLASS 11.0	27273604
ECLASS 12.0	27273604
ETIM 5.0	EC002558
ETIM 6.0	EC002558
ETIM 7.0	EC002558
ETIM 8.0	EC002558

UNSPSC 16.0901	45121628

Instruction for installation Polarizing filter
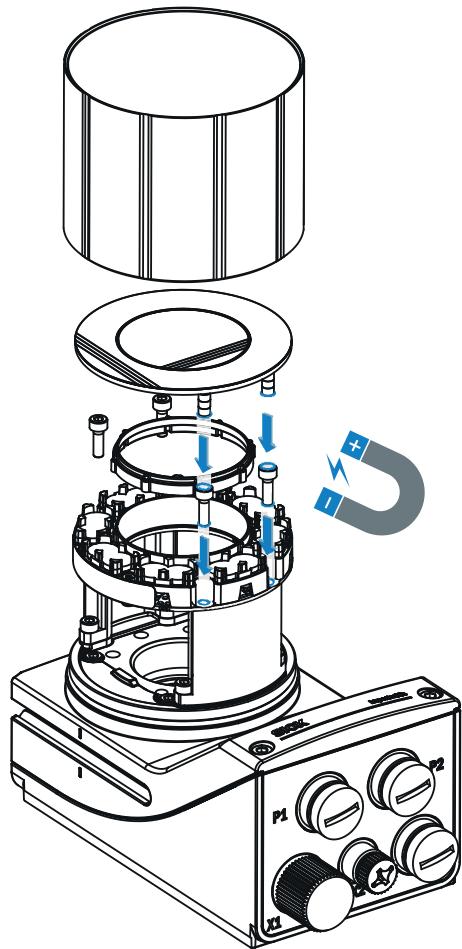
SICK AT A GLANCE

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**

SICK AG | Waldkirch | Germany | www.sick.com

SICK
Sensor Intelligence.