

## APPLICATIONS

- The picture sensor PS B works wireless and with a low current consumption for protection of paintings
- For the combination with radio alarm contact interfaces

## FEATURES

- Functional self-monitoring, extremely resistant to false alarms, protected against manipulation and sabotage
- Insensitive to air turbulence and external light
- Not affected by magnetic fields

The picture sensor PS F is an optoelectronic sensor for contact-free protection to prevent the removal of pictures, paintings and similar objects for the combination with radio alarm contact interfaces.

The picture sensor PS F works with one internal Li battery.

The sensor is installed behind or below the picture or object to be protected.

It irradiates the near surface of the object, such as the rear side of a painting, with invisible infrared light and receives the infrared light which is reflected from the object.

The level of the received radiation is measured and forms the basis for triggering the alarm.

The sensor adapts itself automatically to the existing operating conditions.

The sensor extremely

- **reliable,**
- **resistant to any attempts to manipulate or bypass it.**
- **monitors itself,**
- is very flat,
- requires no modifications to the object to be protected and
- causes no damage to the object.



Picture Sensor PS F

## TECHNICAL DATA PS F

Monitoring distance:	0 to 10 mm, depending on the reflective properties of the object to be protected
Detection field in direct contact:	approx. 20 x 20 mm
Luminous intensity:	< 0,05 lx
Supply voltage:	Li battery CR 2450 3 V / 560 mA
Current consumption:	approx. 0,11 mA
Operating time with battery:	nominal 6 months
Alarm outputs:	potential-free contact. Contact opens when alarm is triggered
Sabotage contact:	potential-free switch
Ambient temperature:	0 to +65 °C
Case/protection degree:	grey PVC / IP 30
Dimensions (LxWxH):	78 mm x 59 mm x 11 mm
Connection:	permanently mounted cable, LiYY (6 x 0.14 mm <sup>2</sup> ), length 1 m

## ORDERING INFORMATION

PS F

Wireless Picture sensor with Li battery power supply