

Miniature Square Photoelectric Sensor in plastic housing

E3T

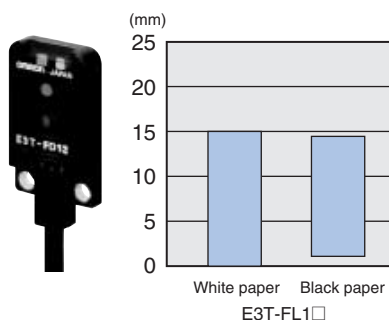
- Precision pinpoint LED
- 3.5 mm thin flat shape or 6.6 mm side view shape where space is crucial
- IP67
- Pulse synchronisation for high ambient light immunity
- Models for mounting with M2 or M3 screws



Features

3.5 mm flat model with background suppression (BGS) with highest repeatability even for differently coloured objects.

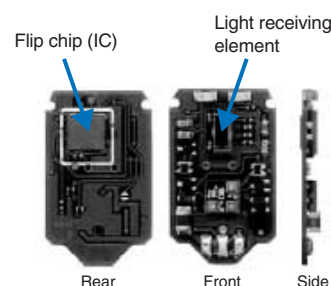
Minimal black/white error



Unique light receiving lens shape for high precision alignment

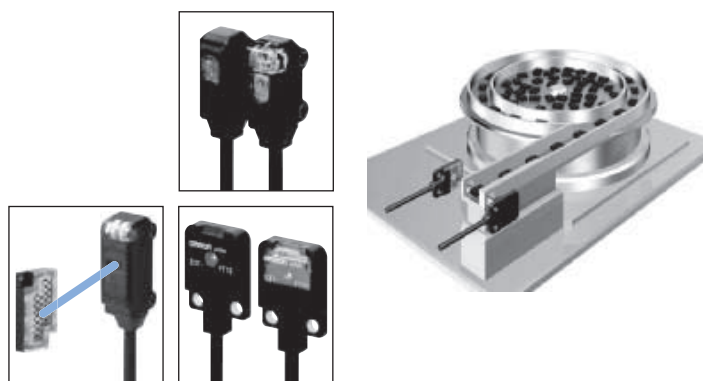


New mounting technology for reliable background suppression in 3.5 mm flat housing



Object detection through small holes

- The precision pinpoint LED of the through-beam models provides appropriate sensing distances for very precise and reliable detection even through smallest slits and gaps with e.g. 0.5 mm dia.
- The coaxial optics and the small focal lens of the retro-reflective models allow the detection of small (dia 2 mm) objects or through small holes (dia 2 mm).



Application

E3T-SL limited-reflective models (side view)

- Minimum detection object: 0.15 mm dia.
- Limited-reflective optics reduce the influence of changing backgrounds and surrounding metal for enhanced detection stability.



E3T-FD Diffuse-reflective Models (Flat)

- Minimum detection object: 0.15 mm dia.
- 3.5 mm thickness for installations with limited space.



Models with M2 or M3 mounting holes

- space saving M2 screw mounting (screws included)
- standard M3 screw mounting (order screws sets from accessories)

