

Application

Presence detection of transparent syringes

Industry

Lab Automation
Medical Packaging
Pharmaceutical

Application Overview

Sensing transparent syringes. Distance between syringes axis is about 10mm.

Application Challenges

- Fixed sensing distance required
- Sensors are installed in a close environment (short distance between optical beam axes)
- Sensor without mutual interference system
- Transparent object detection without the requirement of a reflector
- Easy installation
- High sensor reliability

Solution(s)

Miniature background suppression sensor with LED light source and fixed measuring distance

Examples include the following:

- FHDK 10G5122
- FHDK 10G5122/S35A

Supporting Documentation

- Baumer Sensor Solutions Catalog, page 252
- Baumer Website:

[FHDK 10G5122](#)

[FHDK 10G5122/S35A](#)



Miniature background suppression sensors precisely detect presence of transparent syringes.

For application information, contact:

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