

Application

Presence detection of small objects in automatic handling machine.

Industry

Material Handling Machines
Packaging Machines
Special Machines

Application Overview

Many small objects are required to be sensed in handling machines to ensure proper placement in packages or larger products.

Application Challenges

Space is cramped inside machinery, but small (sometimes minuscule) objects require sensing nonetheless.

Solution(s)

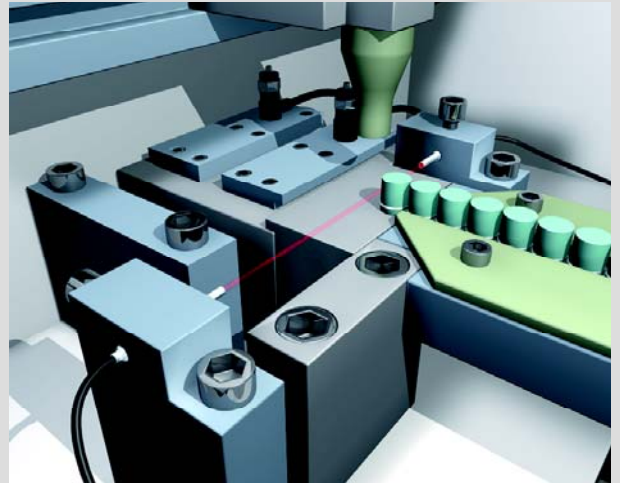
A fiber optic amplifier and fiber can be mounted in small spaces and yet perform to extreme levels of precision and environmental stability.

Examples include the following:

FVDK 60P60Y0/KS35A, 320mm sensing range with through-beam fiber optic
FSE 200C1002, Fiber optic providing 320mm range with FVDK 60 amplifier

Supporting Documentation

- Baumer Sensor Solutions Catalog, pages 458 and 470
- Baumer Wesbite: [FVDK 60 Series](#)



Fiber optic sensor detects presence of small objects in automatic handling machine.

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