

## Application

Measuring stack height

## Industry

Packaging  
Handling and robotics  
Textile industry

## Application Overview

The measurement of various stack heights is a necessary step in many different industries such as the packaging, textile, handling and robotics industries. A majority of the time, it is required for a sensor to have a continuous measurement output so that the sensor knows where the height of the stack is.

## Application Challenges

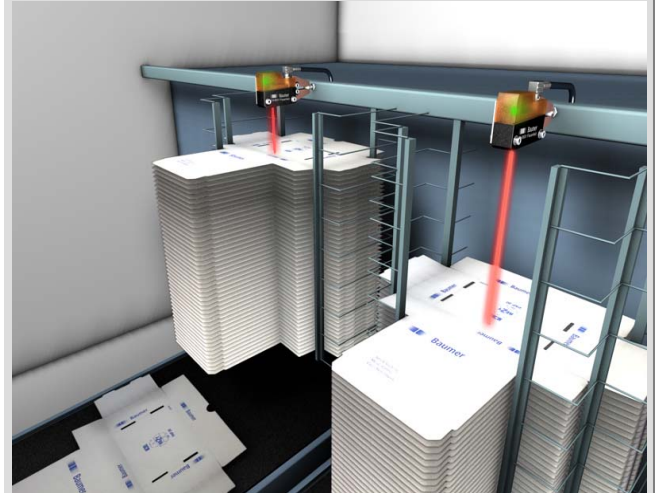
- Small mounting area
- Long sensing distance
- High measuring speed
- Measurement materials have different colors

## Solution(s)

The new distance measuring sensor comes from the FADK 14 family. The sensor family is based on a red light pin point LED technology. This cost effective solution has a long measuring range, high resolution, high linearity error and can be used in high measuring speed applications. The FADK 14 family is resistant against ambient light and has an integrated alarm output.

## Supporting Documentation

- Baumer website  
[www.baumer.com](http://www.baumer.com)
- Flyer on the Baumer website
- [http://www.baumer.com/index.php?id=131&L=1&tx\\_ttnews\[tt\\_news\]=15&tx\\_ttnews\[backPid\]=324&cHash=43fb93e3ee](http://www.baumer.com/index.php?id=131&L=1&tx_ttnews[tt_news]=15&tx_ttnews[backPid]=324&cHash=43fb93e3ee)



FADK 14 for stack measurements

## For application information, contact:

Baumer Ltd.  
122 Spring Street, Unit C-6  
Southington, CT 06489

Phone: (860) 621-2121  
Fax: (860) 628-6280  
E-mail: [sales.us@baumergroup.com](mailto:sales.us@baumergroup.com)  
[www.baumergroup.com](http://www.baumergroup.com)

Customer Service/Technical Support: (800) 937-9336