

## Application

Cut-to-length of paper in printing machinery.

## Industry

Printing Machinery  
Special Machines

## Application Overview

Paper is printed on and cut every several inches. A measurement is needed to ensure proper cutting of the paper.

## Application Challenges

The application is moving very quickly, and the papers vary greatly in color.

## Solution(s)

A polarized retro-reflective sensor can precisely detect the edge of the paper and send a signal quickly to ensure proper cutting of the paper.

Examples include the following:

- FPDK 14P5101/S35A, PNP, 7.2 meter actual range
- FPDK 14P5111/S35A, PNP, 4 meter actual range
- FPDK 14N5101/S35A, NPN, 7.2 meter actual range
- FPDK 14N5111/S35A, NPN, 4 meter actual range

## Supporting Documentation

- Baumer Sensor Solutions Catalog, page 368.
- Baumer Website: [FPDK 14 Series](#).



FPDK 14 retro-reflective sensor detects front edges of paper sheets.

## For application information, contact:

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