

## Application

Material must be measured after extrusion to ensure proper diameter for future processes.

## Industry

Plastics Machinery

## Application Overview

As material exits the extruder, it is important to verify its proper size. This prevents problems when the material is used for other processes.

## Application Challenges

The material is not in a fixed position, and can therefore move side-to-side. Precise measurement is necessary.

## Solution(s)

A line sensor can be mounted with a top-down view, such that it measures the diameter of the material, regardless of position or vibration.

Examples include the following:

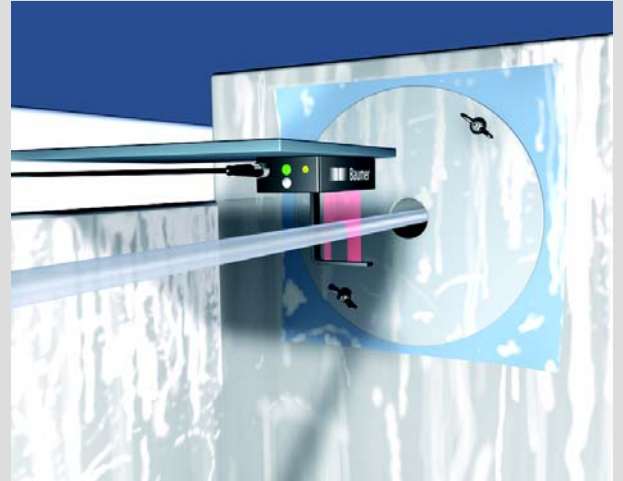
ZADM 034I240.0001, measurement line sensor, side view

ZADM 034I240.0021, measurement line sensor, front view

## Supporting Documentation

Baumer Sensor Solutions Catalog, page 510

Baumer Website: [ParCon Measuring Sensors](http://www.baumer.com/ParConMeasuringSensors)



*ParCon* line sensor measures proper diameter of extruded material.

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