



# NPB dynamic end counter

This unique end counter with optical sensors is capable of precision counting of all types of ends – beverage, food, aerosol, EOE etc. It automatically adapts to any material/color changes in the end flow and can be used with any end handling equipment.

NEW PRODUCT!



**NPB** designs, develops and manufactures automation equipment for the packaging industry. We have top-rate expertise in mechanics and design as well as thorough knowledge in the development and manufacturing of automation equipment. The organization is customer-oriented and flexible with the aim to deliver intelligent machines that are simple to handle.



## NPB dynamic end counter

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## Exceptional accuracy

The NPB dynamic end counter keeps track of up to 12 000 ends per minute and automatically adapts to material and/or color changes. The accuracy is extremely high, with max 4/1 000 000 ends.

The device counts the exact number of ends even if the flow of ends stops, reverses, or shakes in front of the sensor.

It is easy to install and can be used with end handling equipment from any manufacturer.

## Product options

The NPB dynamic end counter is available in two versions, with A/B channel or with A/B channel and Ethernet.

## Technical specification

### Technical data:

Dimensions, l x w x h ..... 120 x 34 x 60 mm (4.7 x 1.3 x 2.4 inch)  
Material ..... Anodized Aluminum  
Weight ..... 400 gr (14.1 oz)  
Power supply ..... 10-30 VDC, 0.2 A  
Protection class ..... IP 54  
Capacity, max counting speed... 12 000 EPM (200 Hz)

### Product features DEC:

A and/or B channel and inverted signals, pulse every 10 ends

### Product features DEC-E:

A and/or B channel and inverted signals, pulse every 10 ends  
Dual Ethernet with integrated switch  
Power over Ethernet  
Splitter Output, 24 VDC, max 0.5 A



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