Web Eye Mark Verification
- Precise detection of low-contrast eye marks
- Versatile programming allows rapid changeover
- High-speed high-resolution and hostile environments
- Lightning fast response time

Web Break Monitoring
- Immediate notification of web absence
- Affordable and adaptable photoelectric sensors
- Easy setup and diagnostics
- Tamperproof versions available
- Reduces scrap

Level Control
- Includes a digital galvanic or liquid level transducer
- High-speed digital sensing capability
- Rapid production changeover programming available
- Non-contact level measurement

Low Roll Detection
- Continuously monitors the diameter of web stock
- Sends signal for automatic or manual splicing
- Resists dust & hostile environments
- Click counter
- Continuous & switch outputs

Form/Fill/Seal
- Sensors for the packaging industry

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P+F Has the Sensing Technology for Every Packaging Application

SENSORS FOR THE PACKAGING INDUSTRY
FORM/FILL/SEAL CARTONERS CASE PACKERS

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AS-Interface Safety at Work
- Monitors status of the safety inputs with one relay
- Monitors all coils, dry contacts, light curtains and one cable
- Simple pushbutton configuration
Today’s market requires innovative and resourceful packaging solutions. At Pepperl+Fuchs, we understand that your sensors must be proficient, agile, and rugged to guarantee maximum equipment performance and uptime. We pride ourselves in assisting our customers by developing solutions that will ensure quick and repeatable changeovers, scrap reduction, and continual process improvements. We take the sensors and accessories that will assist you in achieving your operational goals. In fact, as an industry benchmark, we have the largest and most diverse selection of sensing technologies in the world and a legacy of making things work.

When you need to keep your machines operating at maximum efficiency, choose Pepperl+Fuchs. Our expert application analysis and technical expertise are standard with every one of our products.

Pepperl+Fuchs—expanding the limits of sensing technology.

### No Product/No Carton Verification
- Verifies carton presence
- Quick and easy changeover
- Optimizes packaging efficiency
- High visibility, dual position LEDs

### Open Flap Detection
- Confirms minor and major flap integrity
- No cross-talk between multiple photoeyes
- Simple, one-touch, automatic programming
- Compact for tight spaces

### Barcode Reader
- 2-D codes act as mini data files
- 2300 ASCII characters stored in 13 mm² space
- Reads codes up to 6 meters per second
- Reads distorted or partial codes

### AS-Interface—Enhanced Wiring System
- Reduces installation cost and time
- Replaces complex cable trees
- Combines hundreds of I/O points

### Glue Pattern Verification
- Confirms presence and pattern of adequate adhesive
- Detects low contrast and invisible glues
- Assists with quality assurance

### No Carton/No Load Detection
- Verifies carton presence
- Quick and easy changeover
- Optimizes packaging efficiency
- High visibility, dual position LEDs

### Additional Applications

- **Rotary Encoder**
  - Precise product positioning
  - Compact encoder for tight spaces
  - Stabilized response time

- **Barcode Reader**
  - 2-D codes act as mini data files
  - 2300 ASCII characters stored in 13 mm² space
  - Reads codes up to 6 meters per second
  - Reads distorted or partial codes

- **Product Presence in Carton**
  - Capacitive sensors can be used to verify the existence of products in cartoners.