

Packaging Machinery Applications

- Forming, filling and sealing
- Labeling, decorating, marking
- Inspecting and closing
- Cartoning, wrapping, shrinking
- Container, case and tray handling/wrapping

The Challenge

Demands placed on packaging machinery manufacturers have increased as users require equipment capable of supporting flexible line changes, smaller batch runs, higher line speeds and lower procurement and operational costs. Validation compliance requires on-line diagnostics, vision inspection systems and remote access necessitating the need for smaller, faster, more precise and lower TCO sensor solutions.

The Solutions

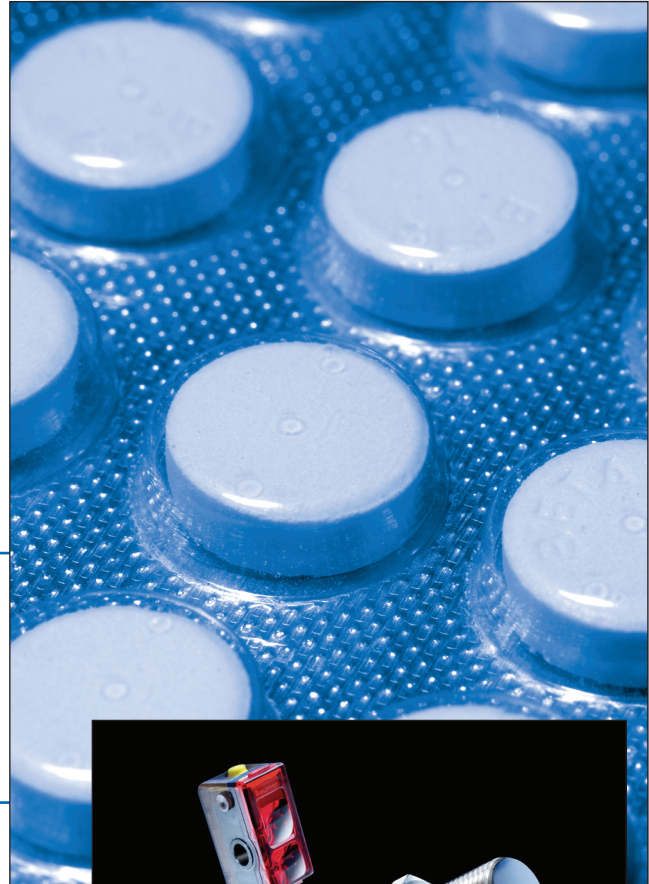
- VeriSens® Smart Vision Sensor
- 10 Series Miniature Photoelectric Sensors
- MEGA Inductive Proximity Sensors
- 12 Series Capacitive Proximity Sensors
- Miniature Ultrasonic Proximity Sensors

Product Features

- VeriSens® smart vision sensor has 640 x 480 resolution
- Miniature sensor solutions for photoelectric, inductive, capacitive, and ultrasonic technologies
- Photoelectric sensors with background suppression technology and clear object sensing technology
- Inductive sensors with MEGA technology
- Ultrasonic sensors with narrow sonic cone

Benefits to the Customer

- Solutions for high-speed inspection applications, i.e. tamper-proof seals
- Miniature sensor solutions can be hidden from damage or tampering
- Faster line changes with solutions which are insensitive to target color, i.e. bottle, wrapper color
- Reliable detection of shrink-wrapped product, PET bottles, and clear films
- Solutions for liquid level and leak detection
- Fast response times permit increased line speeds



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