Color mark detection fiber optic sensor

When the Sensor makes false detection, values can be checked to determine whether color variation from lot to lot in packaging material has occurred, making it easy to identify what has ...

For the new Color Mark Sensors, the Photoelectric Sensor uses RGB three-color LEDs as the light source, and the Fiber Sensor uses a white LED that has a broad wavelength range.

Registration mark sensors with a 50 kHz switching frequency and 5 µs repeatability ensure precise detection of print marks in high-speed printing, packaging, and converting applications. Choose ...

Fiber optic sensors rely on optical principles to detect object properties such as reflection and scattering. They can identify color based on the wavelength characteristics of reflected light.

Ultra-small diameter fibers with a compact head ensure precision centering accuracy to stably detect minute parts. Since it has a thin, rectangular shape, it can be installed in narrow locations. Sensing of ...

High-performance fiber optic color sensor with photodiode, featuring a built-in high-brightness white LED light source. Combined with an M6 fiber optic probe and focusing lens, it enables rapid detection of ...

Color contrast fiber optic sensor detects 16 levels of grayscale for registration mark detection. Choose infrared or 1 of 4 visible beam colors.

Banner''s vast array of color mark sensing devices includes solutions for every level of contrast detection, from basic economical units for high- volume OEM applications to highly sophisticated, ...

OPTEX FA provides cost effective color mark sensors.

The R55F Fiber-Optic Sensor was developed to provide simplicity of operation and access to tight areas for color mark (registration) sensing applications. R55F sensors feature TEACH sensitivity ...

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