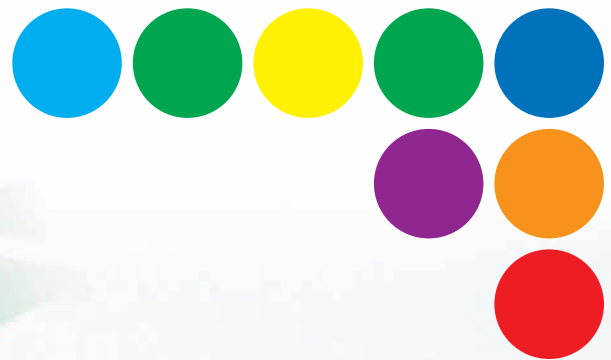


OMRON

Mark Sensor with Stainless Steel Housing

Compact, Photoelectric Sensor with Built-in Amplifier and Teaching Function

E3ZM-V



**Color Mark Detection in a World-standard Size (11 × 21 × 32 mm),
with High-speed Response (50 μs) and Accuracy in Spite of
Sensing Object Movement**

realizing

Another Advance for the E3ZM Series in the Food and Packaging Industries.

World's Smallest* Color-mark Sensor with Built-in Amplifier

The E3ZM-V provides superior optical performance and yet is the same size as the E3Z. This compact, high-speed Mark Sensor remains accurate in spite of sensing object movement.

*According to OMRON investigation.

Color Mark Sensors Now Join the E3ZM Series of Photoelectric Sensors for the Food Industry

■ Space-saving Design with an SUS316L Housing

E3ZM
Standard Size

The compact design reduces volume by 90% compared with previous OMRON models.

And the world-standard dimensions contribute to standardized installation specifications.

Previous OMRON model
(E3M-V)

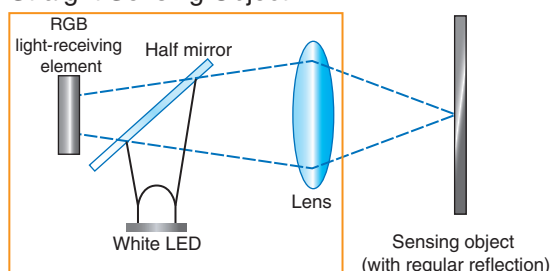


■ Coaxial Optical System in a Compact Design

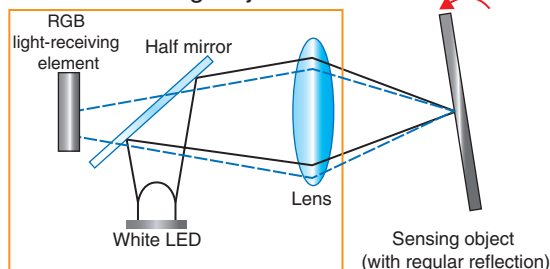
Although the E3ZM-V is only 11 × 21 × 32 mm, it uses a coaxial optical system.

Even if the sensing object is inclined, reflected light is captured with the coaxial optical system to provide stable detection.

Straight Sensing Object



Inclined Sensing Object



■ IP69K Degree of Protection with an SUS316L Housing

Same Durability
as the E3ZM

The housing is constructed of corrosion-resistant SUS316L, and the display cover is PES (polyethersulfone). Both materials are highly resistant to the effects of detergents and disinfectants. IP69K degree of protection also allows the E3ZM-V to withstand washing with high-temperature, high-pressure water. This makes the E3ZM-V well suited to use in sites requiring a high level of hygiene.

