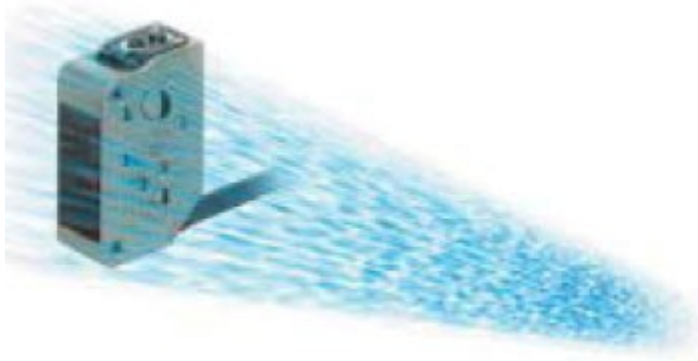


(World's Strongest)
Withstands Detergent and Disinfectant Spray



We used SUS316L for the case and the best material for all parts to achieve 200 times the durability of the E3Z (in 1.5% solution of sodium hydroxide at 70°C) to make the E3ZM suitable for the cleaning conditions of food-processing machinery.

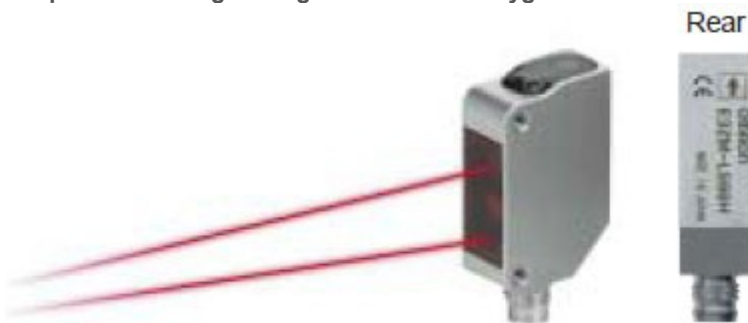
(World's First)
Superior Protective Structure



The first IP69K* (DIN 40050-9) protective structure in the world for a square metal photoelectric sensor. Suitable for high-temperature, high-pressure jet water spray cleaning applications.

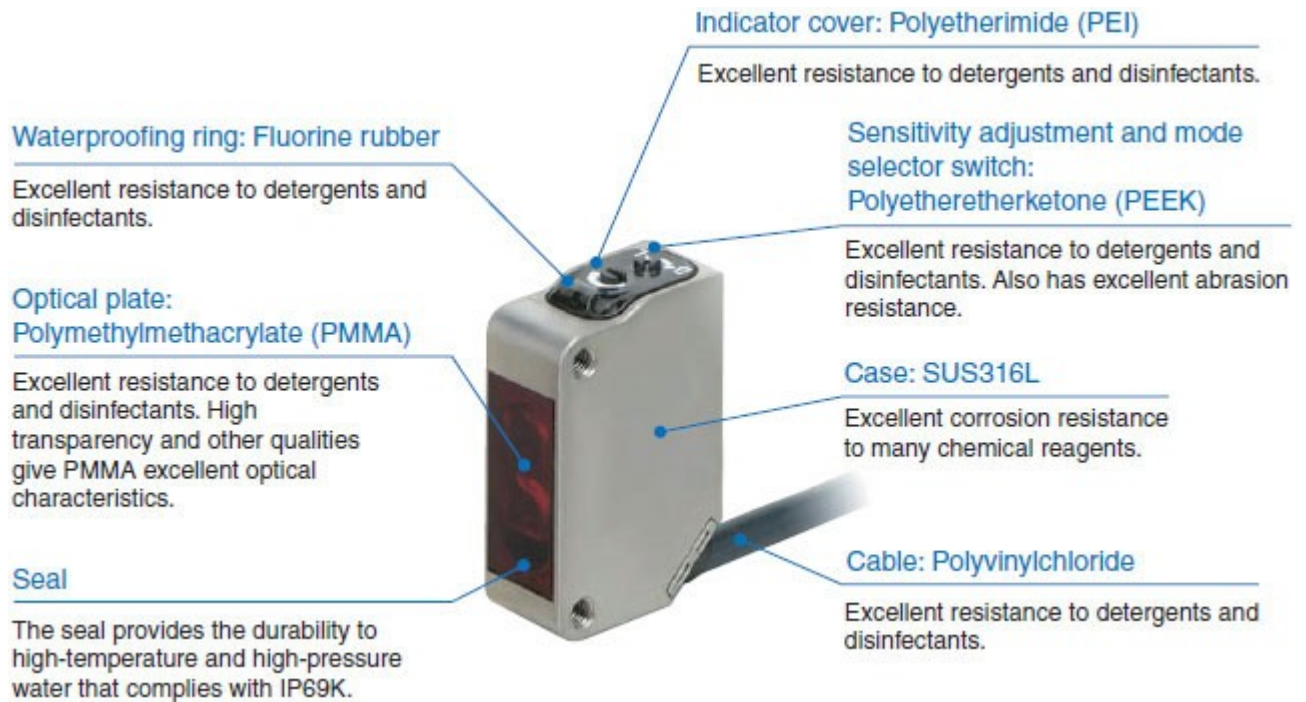
* Refer to the footnote on Catalog (ratings and specifications table).

(Industry's Best)
Shape and Markings Designed for Greater Hygiene



Few indentations in the shape means less dust and water can collect, making the E3ZM more hygienic. No labels have been used in order to prevent foreign matter contaminating food products. The E3ZM model and lot numbers are imprinted using a laser marker.

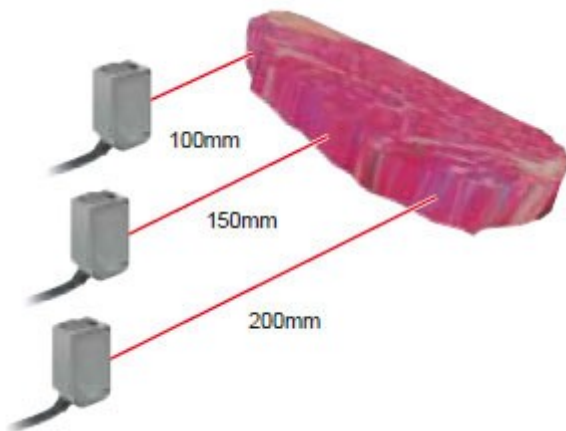
Structural Design That Provides Excellent Environment-resistance*



*Do not use the E3ZM in an oily environment.

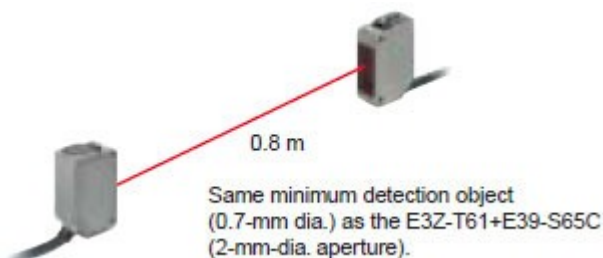
Unique Members of the E3ZM Family

BGS Reflective Models E3ZM-LS6[H]/-LS8[H]



Three models with different fixed sensitivity (rated sensing distances) have been created. These models cover the sensing ranges of the E3Z-LS61.

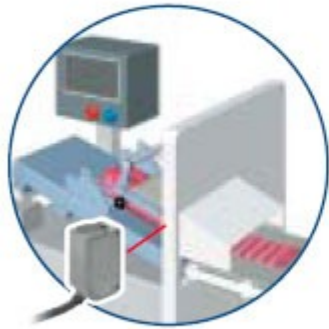
Through-beam Inner Aperture Models E3ZM-T63



Fine beam without attaching an external aperture. This eliminates malfunctions from residual water drops, even immediately after washing.

A Better Fit for the Application

The E3ZM can be used in those harsh cleaning environments in which the E3Z was difficult to use. E3ZM passed the material resistance tests and is certified by Ecolab.



Processing and wrapping of meat or raw food products

<p>Ecoclean Chem & Co. CHS P.O. Box 12 58 99 CH-8371 Chézin Switzerland</p> <p>OMRON Manufacturing of Electronic Devices Ch. F. R. 201210001 73 104 Hallgarten</p> <p>material resistance data</p> <p>see our Material Resistant Cleaning Solutions: P3 Super 30, P3 Super 30, P3 Super 30, P3 Super 30, P3 Super 30 and disinfectant water use as an alternative solution.</p> <p>The material resistance of the related series:</p> <p>Photoelectric Sensor E3ZM</p> <p>For the P3 product used in the field use the material of the product according to the cleaning procedure described here.</p> <p>Document N° 100. 19 January 2016</p> <p>Wade G. Brown & Co. CHS I.V. Thomas Thurner I.V. Philipp Leifert</p>	
<p>This use is suitable for the use of:</p> <ul style="list-style-type: none"> disinfectant liquid products (based on P3 Super 30 CHS) acidic cleaning agents alkaline cleaning agents 	
<p>Test parameters Material used: P3 Super 30 CHS</p> <p>Cleaning agent 1. Complete immersion in disinfectant</p> <p>Test per test 1. 10 days</p> <p>Temperature 1. Room temperature (constant)</p> <p>Analysis</p> <ul style="list-style-type: none"> Visual judgement (no swelling, no blurring, no cracking) mechanical (no surface damage) functional (no noise) Performance characteristics 	<p>Practical factors for selection</p> <p>P3 Super 30 Disinfectant based on hydrogen peroxide for food industry</p> <p>P3 Super 30 Disinfectant based on hydrogen peroxide for food industry</p> <p>P3 Super 30 Disinfectant based on hydrogen peroxide for food industry</p> <p>P3 Super 30 Disinfectant based on hydrogen peroxide for food industry</p> <p>P3 Super 30 Disinfectant based on hydrogen peroxide for food industry</p>
<p>Cleaning procedures for food and beverage industry*</p> <ul style="list-style-type: none"> Washing with water at 60°C Washing with high pressure (3 bar) from top to bottom in the direction of the drain. Quenching in the air or in water. Flushing with water to top Washing P3 Super 30 1. 2% acid solution P3 Super 30 2. 2% alkaline solution 30 s at 60°C. Washing with water at 60°C. Washing with water at 60°C Washing from top to bottom with high pressure. 3 pass alkaline P3 Super 30 1. 2% NaOH solution P3 Super 30 2. 2% NaOH solution <p><small>see our website</small></p>	