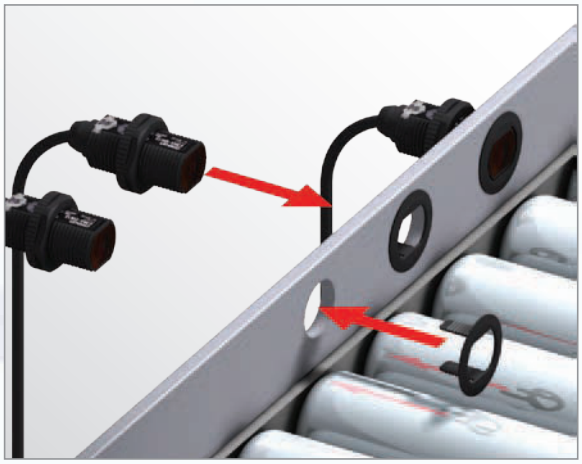
Simplicity

Omron's compact E3FA series of photoelectric sensors is simple and quick to mount, as well as easy and intuitive to set-up. The large and robust adjuster makes life much easier for installers to adjust the sensor, as does the bright, high-power red LED, which is clearly visible for easy alignment, even over longer distances. Similarly, the sensor's LED status indicator can be viewed from long distances and wide angles.

Compact size and shape. Can be installed almost anywhere.

Visible LED light for easy alignment.

Bright LED indicators for the easy operational status checking.



Flush mounting option for smooth installation.

One family for all

Typically installed in industrial plants ranging from food and beverage, textiles, ceramics and brick production, through to logistics, there's always an E3FA model to fit your application. This extensive photoelectric sensor series with high reliability and enhanced performance includes through-beam, retro-reflective and diffuse reflective types in straight and radial versions. Straight versions are also available with background-suppression, limited-reflective detection, and transparent object detection types for special applications.
All models are available in plastic and metal housing.

E3FA Standard Series

Omron's well-known quality is built into this series, which exceeds market standards in terms of reliability and solves a wide range of applications in various industries.

Through-beam	20 m
Retro-reflective with MSR function	0.1 to 4 m with E39-R1S
Coaxial Retro-reflective with MSR function	0 to 500 mm with E39-R1S
Diffuse-reflective	100 mm 300 mm 1 m

E3RA Standard Series

E3RA provides a full line-up of radial types that increases mounting flexibility to match specific requirements.

Through-beam	15 m
Retro-reflective with MSR function	0.1 to 3 m with E39-R1S
Diffuse-reflective	100 mm 300 mm 700 mm