

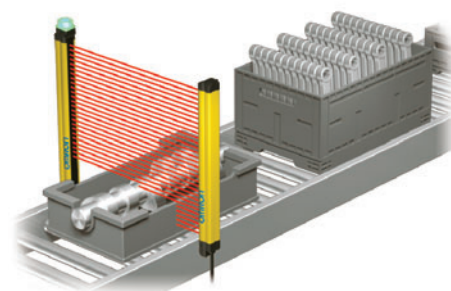
**A choice of products to suit your need** Multiple versions available: finger, hand and arm protection

Ideal for flexible manufacturing

Multifunctional **Advanced** type

**F3SG-RA** >>p.4

- Quick and easy installation
- Stable operation and predictive maintenance
- For global use
- Easy adjustment
- Easy configuration and maintenance

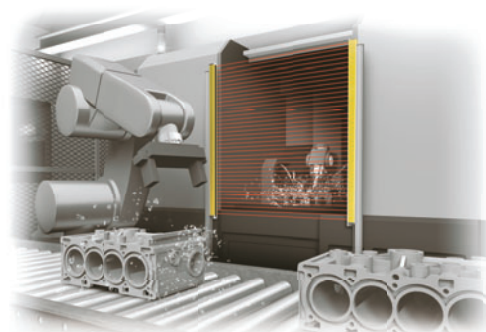
Even for environments where cutting oil is present

Cutting oil resistant **Robust** type

**F3SG-RR** NEW >>p.10

- Four times longer\* cutting oil resistance
- No dead space
- IP67G

\* Compared to the previous model (Omron survey as of March 2017)

Ideal for simple applications

Simple **Easy** type

**F3SG-RE** >>p.11

- Simple functions
- Reduced wiring
- Fast response time: 5 ms




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**Multifunctional  
Advanced**  
type  
**F3SG-RA**

Quick and easy installation

# Intuitive and smart designs for fast set-up

**TOP**  
(top-beam-state indicator)

## Simple beam adjustment

Simply watch for the top and bottom indicators to illuminate when adjustment is completed.

The optional laser pointer and lamp can be used to reduce the time required to set up the light curtain.

**1** The TOP indicator turns ON when the top beam is unblocked

F39-PTG Laser Pointer

Shows the sensor direction

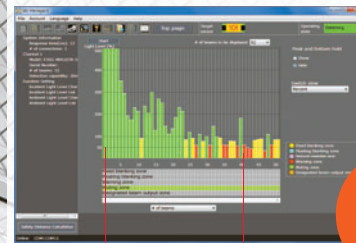


F39-LP Lamp

Turns ON when safety output turns ON, making adjustment easier



Also The incident light levels of each beam can be checked with the Configuration Tool SD Manager2



Sufficient  
Green

Insufficient  
Red

Fine beam adjustment

**2** The BTM indicator turns ON when the bottom beam is unblocked

**BTM**

(bottom-beam-state indicator)

\* Image for illustration purpose only.

## Mounting brackets

Four types of mounting brackets provide vertical or vertical and horizontal adjustment even after mounting, making beam adjustment easier.

### Standard fixed bracket

You can slide the F3SG-R up and down to make vertical adjustments after mounting on a safety fence.



### Standard adjustable bracket (sold separately)

This bracket provides vertical as well as horizontal adjustment of  $\pm 15^\circ$ .



### Top/bottom adjustable bracket (sold separately)

Use this bracket at the top and bottom of the F3SG-R to make horizontal adjustment of  $\pm 22.5^\circ$ .



### Top/bottom adjustable bracket (for user-made mounting part) (sold separately)

The wall mounting bracket is not provided so that you can design your own wall mounting part.

