CSM_E32series_DS_E_10_1

OMRON

Best Selection

Fiber Sensors

Best Selection Catalog

OMRON's Fiber Sensors continue to support an increasing range of applications.

This catalog brings you the latest information on our Fiber Units.

E32-series Fiber Units

Amplifier Units

E3X-DA-S/-MDA Series

E3X-NA Series

realizing

Fiber Unit

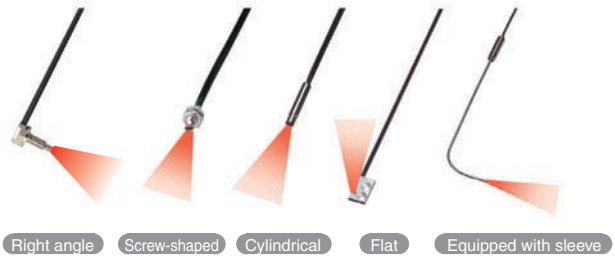
Standard Models — First, Our Standard Lineup

P6

These Fibers Units can be used in a variety of applications, such as detecting the presence of workpieces and positioning.

A Wide Variety of Shapes for Adapting to Different Installation Locations

Choose the model that suits the installation space from a wide variety of shapes and sizes.



Right angle | Screw-shaped | Cylindrical | Flat | Equipped with sleeve

Space Savings and Simple Mounting

Flat Models

Flat models that allow simple screw mounting and straightforward wiring have been added to the lineup. Using these models eliminates the problem of fibers getting caught on surrounding objects.

Flat model

Detect Workpieces in Tight Spaces

Custom-produced Sleeves

Models with sleeves allow detection in tight spaces. We will perform the time-consuming task of fashioning the sleeve, with a length and bends to suit the space (except for ultrafine sleeves).

Models with sleeves

Flexible, Pliable Fiber That Can Be Handled Like Wire

We have developed a broad range of fibers to meet a wide variety of needs. Multicore (flexible) fiber is a new type of standard fiber that can be used like wire without worrying about the bending radius. We have also produced fiber that will not break when used in moving parts and fiber that is not degraded by contact with oil.

Conventional fiber | Flexible fiber

You will certainly appreciate the ease of use that flexible fiber ensures.

Length Can Be Specified in 1-m Units

Saving Energy and Work

We will produce fiber of the required length (in meter units). For large-scale installations, specifications of up to 20 m can be handled. (Specifications of 0.3 m and 0.5 m are also possible.)