N-Smart
Presence Detection Measurement

OMRON

Best Selection

Fiber Sensor Best Selection Catalog

Start with Smart!

Easily select the most reliable Fiber Unit
for your detection conditions.

New Product Information

NEW

Build-in Lens Oil-resistant Fiber Unit

E32-T11NF

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realizing

Smart Fiber Amplifier Units

E3NX-FA

Sensor Communications Units

E3NW

EtherCAT
CompoNet
CC-Link V2

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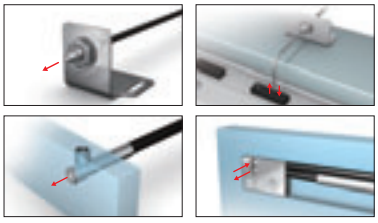
Easy

“Mounts Anywhere”

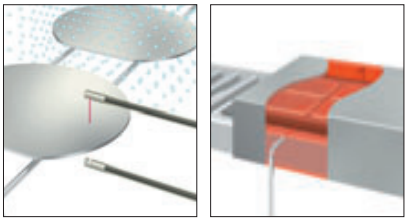
Wide Variety

Variously-shaped, compact heads allow installation in any small space.



Suitable for Harsh Environments

Fiber Units are available for various installation conditions and can be installed as is, even in harsh environments.



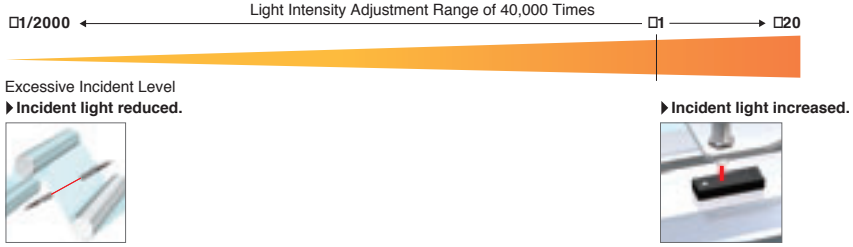
“Achieve Easy Detection in Many Applications”

Smart Tuning

Just press the button to set the optimum incident level and threshold.
Consistent settings are achieved for all users with this ultra-easy procedure.

Optimum Light Intensity Adjustment from Transparent Objects to Black Workpieces

The incident level is optimized to enable stable detection even for saturated or insufficient incident levels.



“Smooth Wiring and Setting”

Reduced Wiring

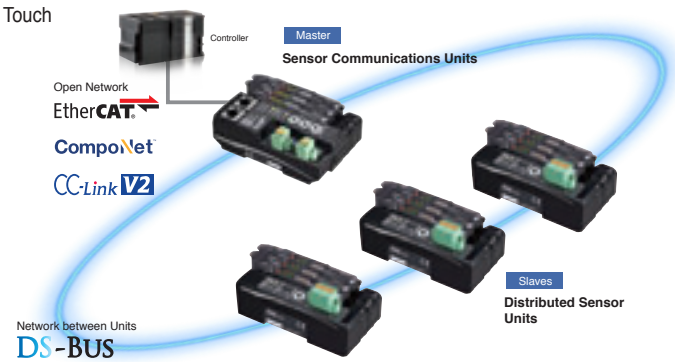
Simply link the Fiber Amplifier Units together for easy wiring and checking.

Separate Installation

Use the Distributed Sensor Unit for distributed installation to reduce introduction costs and work.

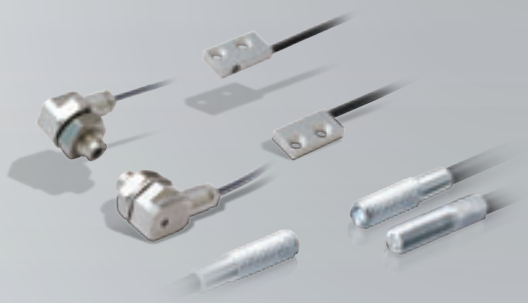
Easy Setup

Commissioning time is reduced with batch setting from a Touch Panel or backup data for process switchovers.



Optimal Fiber Sensor for additional

Fiber Units for various Installation Conditions,



NEW

Smart Fiber Amplifier Units

E3NX-FA

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Fiber

‘Easy’ and ‘Stable’ for