

Best Selection

Fiber Sensor Best Selection Catalog

Start with Smart!

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



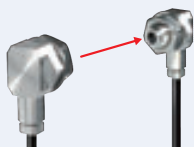
New Product Information

NEW

Build-in Lens Oil-resistant Fiber Unit

E32-T11NF

→ 38 Page



Smart Fiber Amplifier Units

E3NX-FA



Sensor Communications Units

E3NW



EtherCAT

CompoNet

CC-Link V2

realizing

Fiber Sensor
Features 2 Page

Selection
Guide 4 Page

Fiber Units

Standard
Installation 6 Page

Saving
Space 14 Page

Beam Improvements 20 Page

Transparent
Objects 34 Page

Environmental
Immunity 38 Page

Applications 48 Page

Installation
Information 58 Page

Fiber Amplifiers,
Communications
Unit, and Accessories 62 Page

Technical
Guide and
Precautions 90 Page

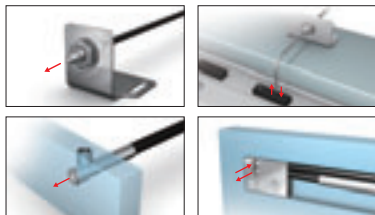
Model Index 98 Page

Easy

“Mounts Anywhere”

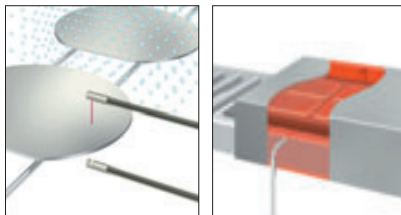
Wide Variety

Variouly-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.



Press the **TUNE** button **once** with a workpiece and **once** without a workpiece

Automatic Setting of Optimum Values

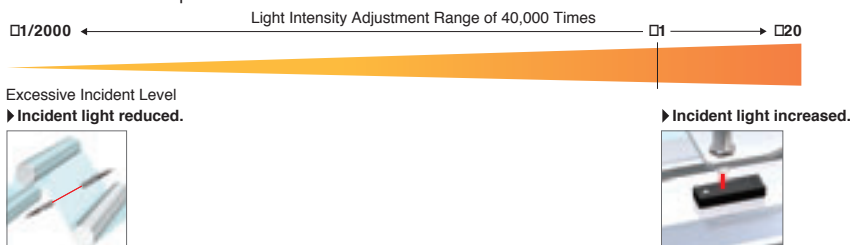
Threshold + Incident Level

5000 9999

Set to the intermediate value between the incident levels with and without a workpiece. Incident level adjustment with and without a workpiece.

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.



NEW

Smart Fiber Amplifier Units

E3NX-FA

62, 64
Page



Fiber

‘Easy’ and ‘Stable’ for