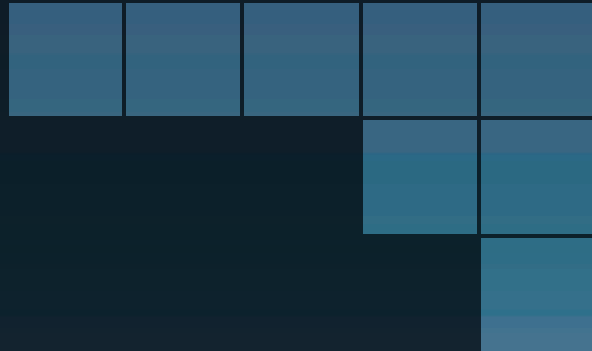


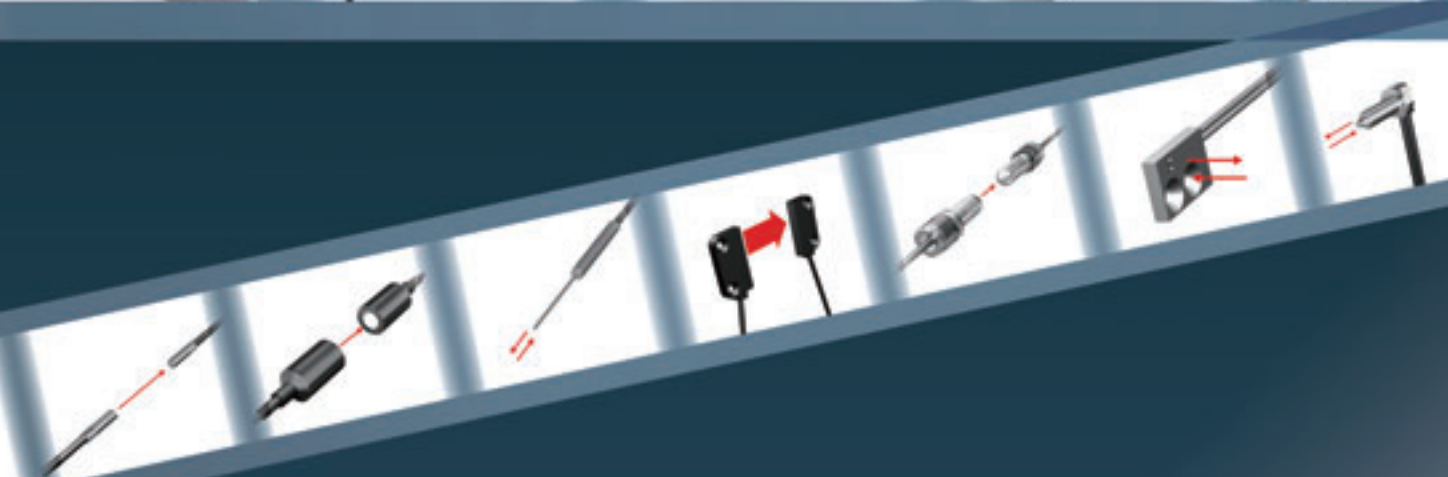
Best Selection

Fiber Sensor Best Selection Catalog



Start with Smart!

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



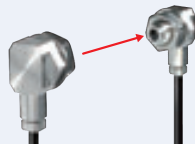
New Product Information

NEW

Build-in Lens Oil-resistant Fiber Unit

E32-T11NF

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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
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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

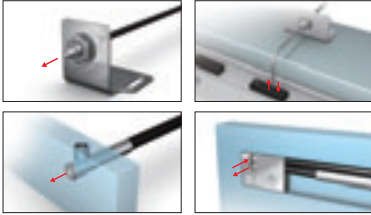
Easy

Optimal Fiber Sensor for additional Fiber Units for various Installation Conditions,

“Mounts Anywhere”

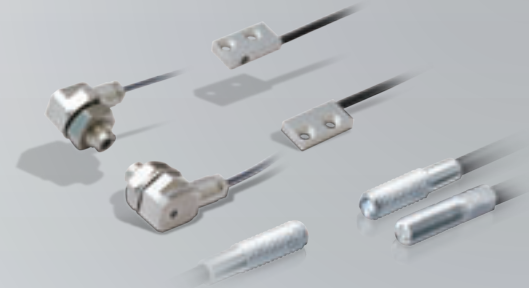
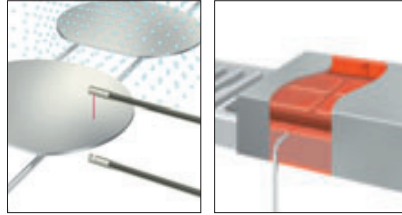
Wide Variety

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

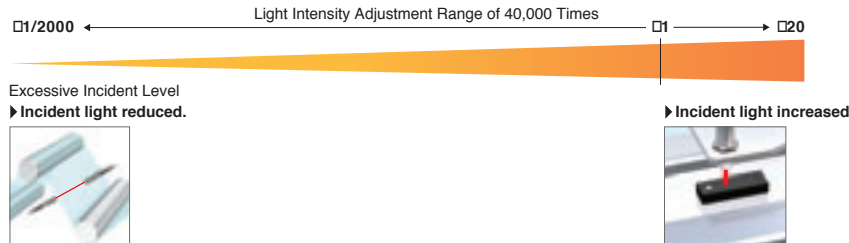
Threshold + Incident Level

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.



NEW

Smart Fiber Amplifier Units E3NX-FA

62, 64 Page

“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.



Fiber

‘Easy’ and ‘Stable’ for