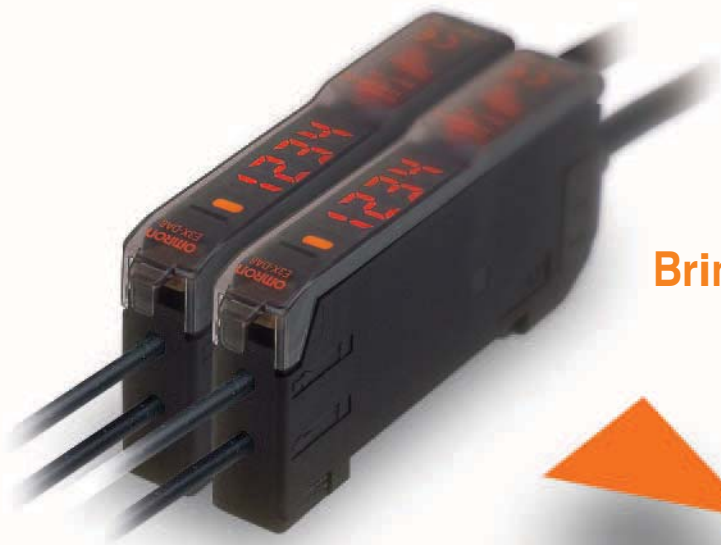
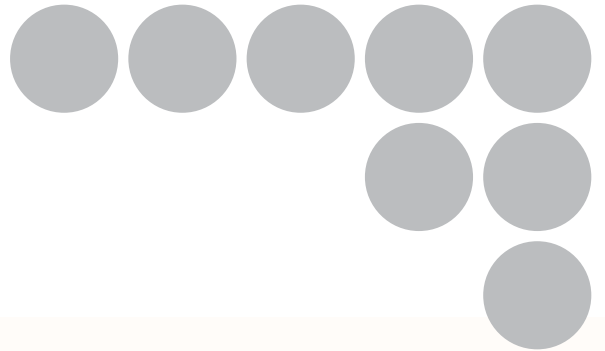


**E3X-MDA**  
Super Dual Fiber Sensor



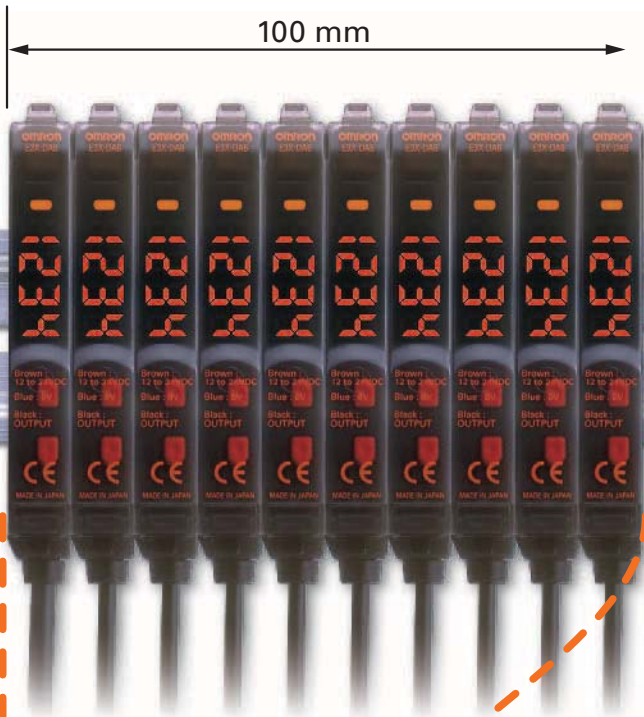
Bringing a new dimension to sensing..

1/2

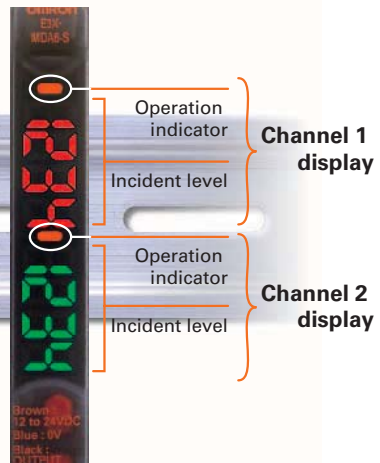


...the 2-channel amplifier has arrived.

# Having problems gang-mounting Fiber Sensor Amplifier Units in tight spaces?



**Half the Space**



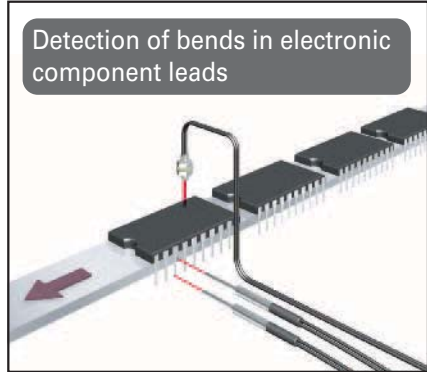
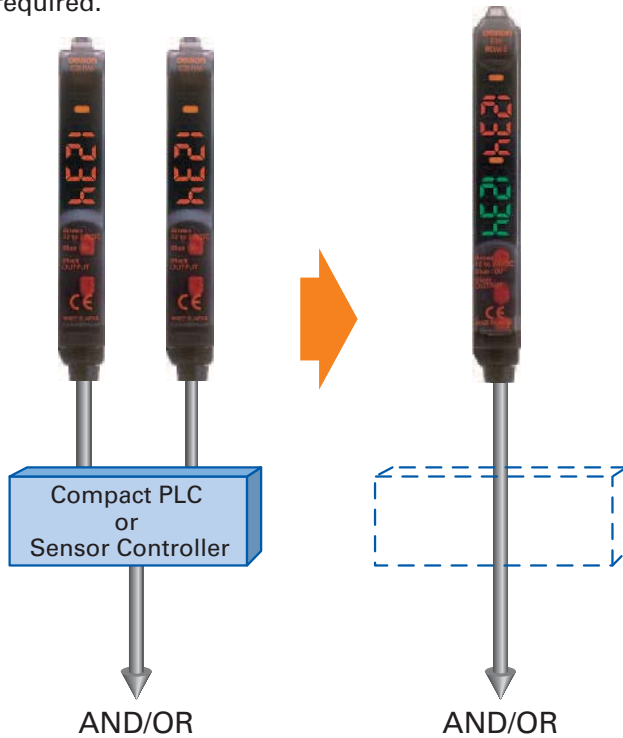
**Slimmest in the industry – 5 mm per channel. Patent pending**

Two Amplifiers squeezed into a body of width 10 mm.  
 Remarkable space saving of approx. 50%.  
 Power saving of approx. 40%.  
 (Savings per channel compared with existing products.)



**Equipped with AND/OR control output. Patent pending**

Two types of control output possible with one Sensor (AND/OR).  
 Compact PLCs and Sensor Controllers no longer required.



**Flexible control with Mobile Console.**

The Mobile Console, which can also be used with the E3X-DA-S, allows handheld operation of the Fiber Head even when it is separated from the Amplifier.



# An impressive lineup of Digital Amplifiers to handle a wide variety of applications.

The Digital Amplifiers achieve a maximum response time of 48  $\mu$ s.

## Standard Models

Models with Cables

(E3X-DA11-S)

Models with Connectors

Equipped with OMRON's own easy-wiring connector.

(E3X-DA6-S)

## Advanced Models

Twin-output Models

Two threshold values can be set. Judgement and self-diagnosis output available.

(Representative model: E3X-DA6TW-S)

External-input Models

The Sensor can be controlled externally. Equipped with counting function.

(Representative model: E3X-DA6RM-S)

A wide variety of color variations available. Equipped with APC circuit for more stable detection.

## Mark-detecting Models and Infrared Models

Models with Green LED

(Representative model: E3X-DAG6-S)

Models with Blue LED

(Representative model: E3X-DAB6-S)

Infrared Models Available Soon

(Representative model: E3X-DAH6-S)

**NEW**

Two Amplifiers squeezed into a single, compact Unit. AND/OR output available.

## 2-channel Models

(Representative model: E3X-MDA6)

Maximize Fiber Amplifier potential using remote setting, copying, and other functionality.

## Mobile Console

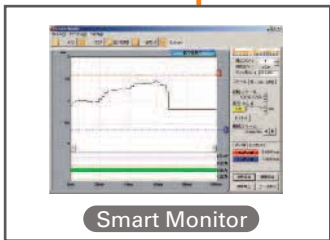
(E3X-MC11-S)



A host of remarkable functions inside a compact body.  
A complete lineup of Sensor Heads to handle an even wider range of applications.  
This is the platform for OMRON's sensing technology.

**Linear Platform**

High-resolution sensing using laser and magnetic technology



**Laser-type Smart Sensors ZX-L Series**



An improved lineup for smarter sensing

**Inductive Displacement Smart Sensors ZX-E Series**



A lineup of Smart Sensors that use the eddy current method

**ON/OFF Platform**

A common platform for Fiber Sensors and Sensors with Separate Amplifiers



**Digital Fiber Sensors E3X-DA-S/MDA Series**



Refinement and a new dimension that goes beyond superior performance.

**Laser-type Photoelectric Sensors with Separate Amplifiers E3C-LDA Series**



Photoelectric Sensors with Separate Digital Amplifiers have joined the Smart Sensor family.

**This document provides information mainly for selecting suitable models.**

**Please read the Instruction Sheet carefully for information that the user must understand and accept before purchase, including information on warranty, limitations of liability, and precautions.**

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