OMRON

NEW

Simple Fiber Sensor

E3X-SD/NA

High performance that anyone can use



Digital Model E3X-SD

Bar Display and Adjuster Setting Model E3X-NA

realizing

New Standards for Fiber Sensors

「High Performance」×「Simplicity」

Many customers say:
'The fiber sensor has too many functions and the setting takes too long.'
'I want a cheaper sensor. No need for complicated function,'
These are what inspired us to create a high performance sensor that anyone can use.



The World's Highest Level,
Stable Detection

×

No manual required,
Easy Operation

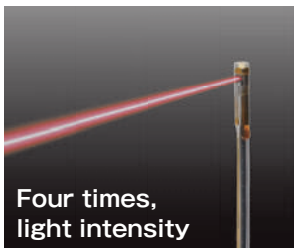
&

Reducing purchase cost,
Reasonable Price

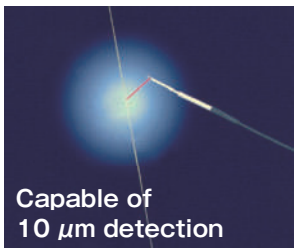
Stable Detection

GIGA RAY installed

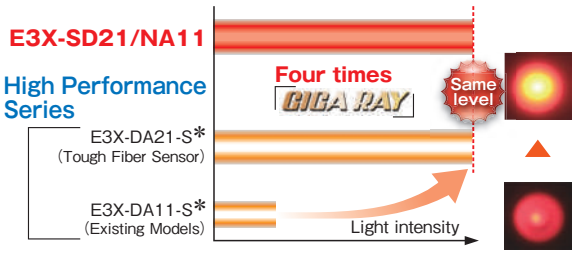
Realized the highest power and precision in the world.
Capable of stable detection in dusty, oily environments or of minute objects.



Detection in oily environments



Detecting minute objects

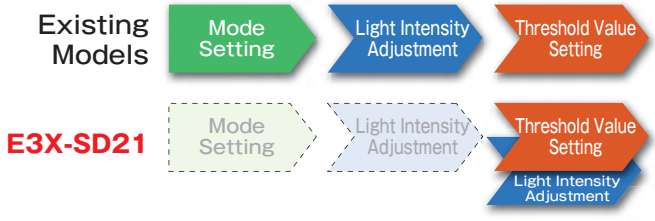


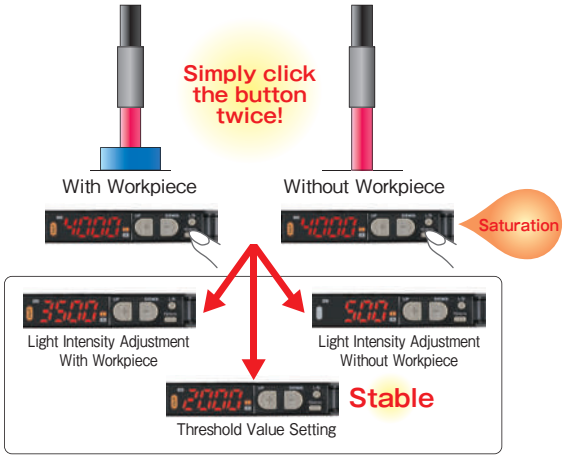
*In Standard Mode
Manufacture of the E3X-DA21-S, E3X-DA11-S will be discontinued in March 2017.

Easy Operation

Quick-Tuning installed

By only two clicking operation, sensor optimizes light intensity and sets threshold value automatically.
It is also helpful when light intensity reaches saturation levels.



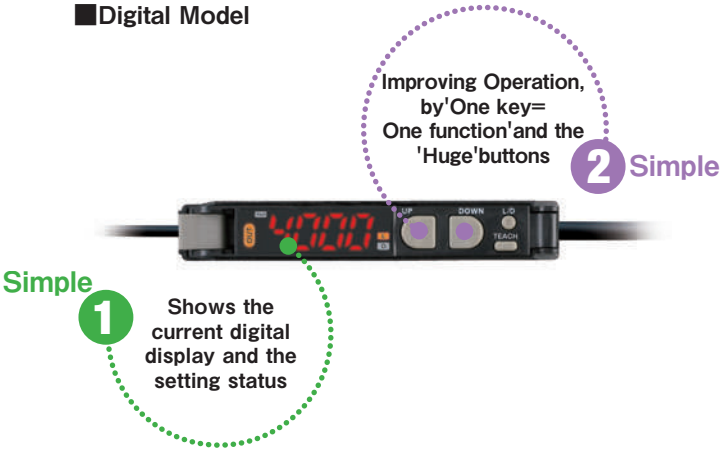


Set completed at a time

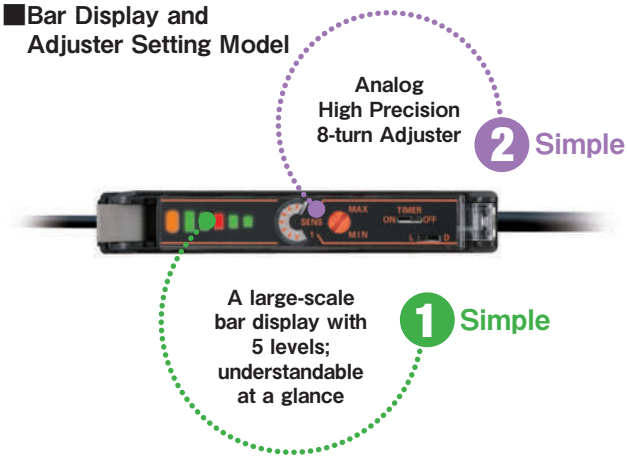
One key = One function

Easy operation by 'One key=One function' and the comfortable 'Huge' buttons. No complication.

■Digital Model



■Bar Display and Adjuster Setting Model



Ordering Information

Amplifier Units

Digital Model

Item	Appearance	Connection method	Characteristics	Model	
				NPN output	PNP output
Standard models		Pre-wired	Digital display Quick-Tuning 'Huge' buttons Mutual interference prevention (up to 5 Amplifiers)*	E3X-SD21	E3X-SD51
		Wire-saving connector		E3X-SD7	E3X-SD9

*When amplifiers only of the E3X-SD series or the E3X-NA series are connected, the mutual interference prevention function is effective.

Bar Display and Adjuster Setting Model

Item	Appearance	Connection method	Characteristics	Model	
				NPN output	PNP output
Standard models		Pre-wired	Bar display Adjuster setting Mutual interference prevention (up to 5 Amplifiers)*	E3X-NA11	E3X-NA41
		Wire-saving connector		E3X-NA6	E3X-NA8
High-speed detection models		Pre-wired	Bar display Adjuster Setting Response time: 20μs	E3X-NA11F	E3X-NA41F

*When amplifiers only of the E3X-SD series or the E3X-NA series are connected, the mutual interference prevention function is effective.

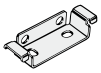
Amplifier Unit Connectors (Order Separately)

Note: Stickers for Connectors are included as accessories.

Item	Appearance	Cable length	No.of conductors	Model
Master Connector		2m	3	E3X-CN11
Slave Connector			1	E3X-CN12

Accessories (Order Separately)

Mounting Brackets

Appearance	Model	Quantity
	E39-L143	1

End Plate

Appearance	Model	Quantity
	PFP-M	1

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