

# Simple Fiber Amplifier Unit E3X-SD/-NA

## Simple and Affordable Fiber Amplifier Units



- Reasonable price.
- Use the one-key one-function feature for quick, easy operation.
- GIGA RAY for the highest level of power in this class for stable detection even with sensing objects with low reflection or large sensing objects. \*

\*Excluding E3X-NA□□V Amplifiers.



For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

## Ordering Information

### Fiber Amplifier Units [Refer to Dimensions on page 11.] Digital Display and Direct Key Setting

Item	Appearance	Connection method	Ratings and Specifications	Model	
				NPN output	PNP output
Standard models		Pre-wired (2 m)	---	E3X-SD21 2M	E3X-SD51 2M
		Wire-saving connector *		E3X-SD7	E3X-SD9

\*An Amplifier Unit Connector (sold separately) is required.

### Bar Display and Adjuster Setting

Item	Appearance	Connection method	Ratings and Specifications	Model	
				NPN output	PNP output
Standard models		Pre-wired (2 m)	---	E3X-NA11 2M	E3X-NA41 2M
		Wire-saving connector *1		E3X-NA6	E3X-NA8
High-speed detection models		Pre-wired (2 m)	Response time: 20 μs	E3X-NA11F 2M	E3X-NA41F 2M
Water-resistant models		Pre-wired (2 m)	Degree of protection: IP66	E3X-NA11V 2M	E3X-NA41V 2M
		Connector (M8) *2		E3X-NA14V	E3X-NA44V

\*1. An Amplifier Unit Connector (sold separately) is required.



\*2. A Sensor I/O Connector (sold separately) is required.

# E3X-SD/-NA

## Accessories (sold separately)

### Amplifier Unit Connectors (Required for models for Wire-saving Connectors.)



Note: Protective seals provided. [Refer to Dimensions on page 15.]

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

Ordering Precautions for Amplifier Units Connectors A Connector is not provided with the Amplifier Unit. Refer to the tables at the right when placing an order.	Fiber Amplifier Units			Applicable Connectors (sold separately)	
	Type	NPN	PNP	Master Connector	Slave Connector
	Standard models	E3X-SD7 E3X-NA6	E3X-SD9 E3X-NA8	+	E3X-CN11 (3-wire)
When Using 5 Amplifier Units				+	
5 Fiber Amplifier Units				1 Master Connector + 4 Slave Connectors	

### Sensor I/O Connectors (Required for models with M8 Connectors.)

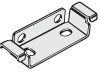
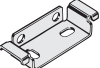
[Refer to Dimensions on XS3.]

Size	Cable specifications	Appearance	Cable type	Model	
M8	Standard cable	Straight connector 	2 m	Four-conductor cable	XS3F-M421-402-A
			5 m		XS3F-M421-405-A
		L-shaped connector 	2 m		XS3F-M422-402-A
			5 m		XS3F-M422-405-A

### Mounting Brackets

A Mounting Bracket is not provided with the Fiber Amplifier Unit. Order a Mounting Bracket separately if required.

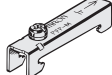
[Refer to Dimensions on page 15.]

Appearance	Applicable models	Model	Quantity
	E3X-SD□ E3X-NA□ E3X-NA□F	E39-L143	1
	E3X-NA□V	E39-L148	

### End Plate

End Plates are not provided with the Fiber Amplifier Unit. Order End Plates separately if required.

[Refer to Dimensions on page 15.]

Appearance	Model	Quantity
	PFP-M	1