

The OMRON logo is displayed in a bold, blue, sans-serif font. The letters are thick and rounded, with the 'O' being a simple circle. The entire logo is set against a light yellow rectangular background.

**Automatización Eléctrica**

Especialistas en Automatización

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## Fast response digital amplifier with potentiometer

The E3X-NA\_F provides a very fast response time and is the ideal amplifier for high speed detection applications.

- Short turn on time of only 20  $\mu$ s
- Easy adjustment with potentiometer

### Ordering information

Item	Order code	
	NPN output	PNP output
Pre-wired	E3X-NA11F	E3X-NA41F
M8 connector (4 pin)	_*1	E3X-NA44FV

\*1 Contact your OMRON representative

### Specifications

Item	NPN output	E3X-NA11F	-
	PNP output	E3X-NA41F	E3X-NA44FV
Light source (wave length)	Red LED (680 nm)		
Power supply voltage	12 to 24 VDC $\pm$ 10%, ripple (p-p): 10% max.		
Protective circuit	Reverse polarity protection, output short-circuit protection, mutual interference prevention		
Response time	Operation: 20 $\mu$ s max. Reset: 30 $\mu$ s max.		
Sensitivity adjustment	8-turn endless adjuster (potentiometer)		
Functions	OFF-delay timer: 40 ms (fixed)		
Degree of protection	IEC 60529 IP50 (with protective cover attached)		IEC 60529 IP66 (with protective cover attached)

Note: For teachable fast response fiber amplifiers with a digital display contact your OMRON representative.



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Product	Code	Reference	Product link
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