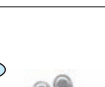
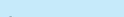


Ordering Information

Type	Appearance (mm) *	Sensing distance (mm)	Standard object	Min. bending radius (mm)	Features	Model
Limited-reflective		8 to 20 mm from the lens tip (recommended sensing distance: 11 mm) 19 to 31 mm from the center of mounting hole A (recommended sensing distance: 22 mm) (See the dimension drawings.)	Glass (t = 0.7 mm)	R40	Materials: Heat-resistant PVC and fluororesin IP67 at 60°C	E32-L11FP 2M
		E32-L11FP 5M				
		8 to 20 mm from the lens tip (recommended sensing distance: 11 mm) 32 to 44 mm from the center of mounting hole A (recommended sensing distance: 35 mm) (See the dimension drawings.)			Materials: SUS316L and fluororesin IP67 at 85°C	E32-L11FS 2M
						E32-L11FS 5M
					Materials: SUS316L and fluororesin IP67 at 70°C	E32-L12FS 2M
						E32-L12FS 5M

* **Free-cut** Indicates models that allow free cutting.

Amplifier Units

Appearance	Connection method	Functions	Model	
			NPN output	PNP output
	Pre-wired model (2 m)	Tough Mode Super Tough Mode ON-delay and OFF-delay timer	E3X-DA11TG-S 2M [*]	E3X-DA41TG-S 2M [*]

* Production was discontinued.

Ratings and Specifications

Model	E3X-DA11TG-S	E3X-DA41TG-S
Item	NPN open-collector output	PNP open-collector output
Power supply voltage	12 to 24 VDC $\pm 10\%$, ripple (p-p) 10% max.	
Power consumption	960 mW max. (current consumption: 40 mA max. at power supply voltage of 24 VDC)	
Control output	Load power supply voltage: 26.4 VDC, load current: 50 mA max.; residual voltage: 1 V max.	
Response time	Tough Mode (TG): Operate/reset in 16 ms each, Super Tough Mode (STG): Operate/reset in 64 ms each Standard Mode (STND): Operate/reset in 1 ms each, High-resolution Mode (HRES) Operate/reset in 4 ms each	
Timer function	ON-delay/OFF-delay timer, OFF-delay timer, ON-delay timer, one-shot timer	

Note 1: The factory settings are as follows: Tough Mode with an ON-delay/OFF-delay timer.

2: Be sure to check the chemicals and sprays used in the ambient environment before using the Wet Sensor.

(Unit: mm)

E32-L11P

Side view dimensions: 14, 13.4, 40, 22.5, 20, 12, 17.5, 10.

Top view dimensions: 14, 13.4, 40, 22.5, 20, 12, 17.5, 10.

Labels: Glass, Fluororesin (PFA), Heat-resistant PVC, Mounting hole A, Two, 4.2-dia. mounting holes, Fluororesin (PFA), 4-dia. fluororesin tube (t=0.5)(PTFE) Standard length: 2 m, Optical fiber: 2.2 dia.

E32-L12FS

Side view dimensions: 17.5, 10, 38.5, 35, 28, 12, 11.

Top view dimensions: 17.5, 10, 38.5, 35, 28, 12, 11.

Labels: Glass, Fluororesin (PFA), SUS316L, Mounting hole A, Two, 4.2-dia. mounting holes, Fluororesin (PFA), 4-dia. fluororesin tube (t=0.5)(PTFE) Standard length: 2 m, Optical fiber: 2.2 dia.

E3X-DA11TG-S

Side view dimensions: 32.8, 29.8, 15.1, 12.15, 3.25, 3.9 x 3 = 11.7, 70, 10, 4.3, 5.65, 4.5, 9.9, 28.1, 16, 18.7, 34.8, 44.3, 12.5, 32.

Labels: Two, 2.4 dia., Hole for optical communications.

This document provides information mainly for selecting suitable models. Please read 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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