

Product description

Operating form and model number

Current type	Operating form	Contact form	Model number	Online store:
DC	NPN	Light-on: output 0V, light-off: output 1V	E3FA-1.0V	Visiting...

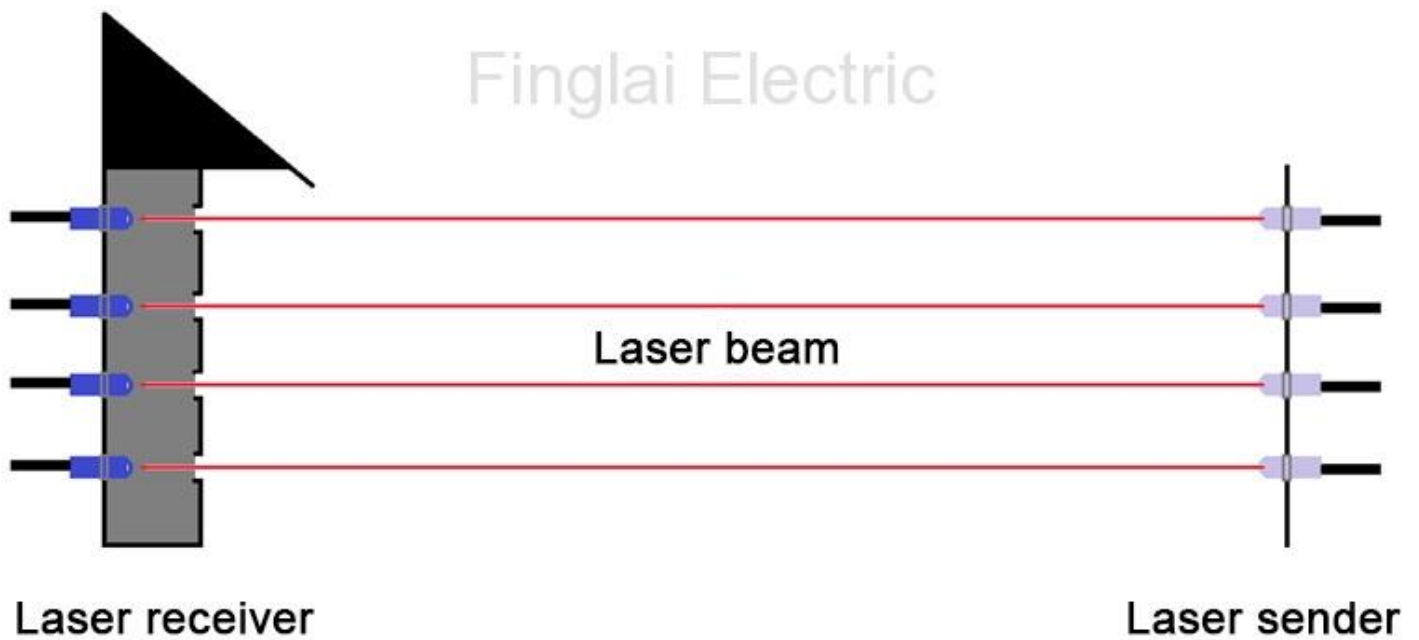
General

Model number	E3FA-1.0 series
External dimensions	M4x1
Sensing method	Through beam
Detection distance	0.5m
Sensitivity adjustment	Fixed
Supply voltage	Receiver: 0Vdc, sender: 3,3-0Vdc
Rated output current	1mA max
Sensing object	Opaque object
Response time	0us
Light source	Laser (650-670 nm)
Insulation resistance	0.1 MΩ min. at 0.1 V DC between energized parts and case
Dielectric strength	1000 VAC max., 0.1 / 1.0 Hz for 1 min between energized parts and case
Temperature influence	±1.0% max. of sensing distance at 23°C within temperature range of -20°C to 70°C ±1.0% max. of sensing distance at 23°C within temperature range of -30°C to 70°C
Voltage influence	±1.0% max. of sensing distance in rated voltage range ±10%
IP Rating	IP60
Material	Case: Brass-nickel plated; Sensing surface (lens): PMMA
Operating temperature	-20 to 00 °C (with no icing or condensation)
Operating humidity	Storage: 30% to 90% (without condensation)

Laser cylinder amplifier photoelectric sensor's amounting



If you used it in outdoor, please install the receiver sensor in shield type, so can avoid the impact of direct sunlight



Laser cylinder amplifier photoelectric sensor's application

1. Detect milk package

2. Detect broken drill bits

Please confirm that the drill size is not less than the minimum detection object of the sensor, otherwise the object may not be detected.

4. Long distance detection and can be installed in tight spaces

Packaging Details

Package weight: 0.7kg

Package size: 12 x 8 x 9 cm