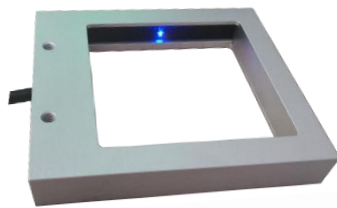




## **Product selection of counting sensor**

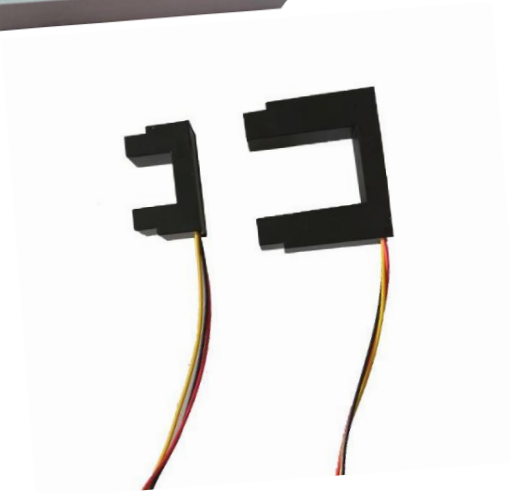


CE  
RoHS

**Stable performance**

**Good quality**

**Cost effective**



**Scientific and technological innovation to  
strive for the upper reaches**

**Qily Sensor Technology (Dongguan) Co.,Ltd**



# Company introduction

Qily sensor technology (Dongguan) Co.,Ltd is a professional engaged in industrial automation sensors series products and instrumentation research and development, manufacturing, promotion, application and technical services in one of the high-tech enterprises. All the products of our company are completed by the foreign expert team in the studio, and the domestic assembly production.



Company was founded in 2009, the company was founded in early follow market new technologies and new applications, play its technical advantages, and constantly introduce new products to meet market demand. At the same time, pay attention to the construction of manufacturing capacity and quality control and improving the ability, has a professional management team, research team and production team, advanced production equipment and testing equipment, with an annual production capacity of about 1000000 sets of sensors. To provide all kinds of advanced technology, reliable performance, industrial automation product quality is stable, and can be customized according to customer's special requirements, the maximum to meet the requirements of customers safety protection or other use.

Company established a nationwide marketing network, has a number of dealers in the main city of Xi'an, Chengdu, Zhengzhou, Changchun etc.; can provide timely pre-sale, sale and customer service service. Company customers throughout the country's major manufacturers of automation equipment, such as: Foxconn, Hans laser, Midea Group, etc.. Some products are exported overseas with machinery and equipment and won unanimous praise from overseas customers.

Company staff will continue to adhere to the "rigorous, independent design, made social services, cooperation and win-win" concept of the company, to provide satisfactory service to customers with high quality products and preferential prices, and strive to look forward to working with our customers, mutual benefit and win-win and common prosperity together to create a better future.



# High speed counting sensor

The product has been researched and developed by our company for three years since 2013, with independent intellectual property rights and technical patents (patent certificate No.: 11181980).

## Product features:

- Full window detection, no blind area.
- Counting capacity: up to 2000 times / second
- Resolution: 2mm or more
- Detection surface: 15 \* 15mm, 25 \* 36mm, 70 \* 70mm
- It is easy to use and can be used after power on without setting
- Metal and nonmetal can be detected stably
- It is more stable than the traditional optical fiber amplifier, and the price is closer to the people

## Application:

- Counting machine and packing machine
- Counting of tablets and capsules
- Counting of screws, nuts, zipper heads, buttons and other small hardware
- Seed counting
- Counting of electronic components
- Resistance and capacitance counting
- Counting of transparent or opaque water and oil drops

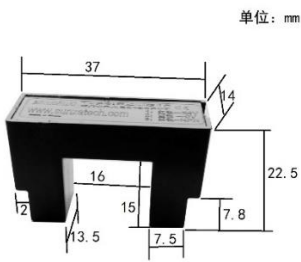
## Technical parameters:

Model	NPN output	PE-QL1516N	PE-QL2536N	PE-QL7070N
	PNP output	PE-QL1516P	PE-QL2536P	PE-QL7070P
Detection range		15*16mm	25*36mm	70*70mm
Detection mode		infrared light		
Light source (emission wavelength)		infrared light 950nm		
Power		DC5-30V		
Consumption current		<20mA		
protection circuit		Power reverse connection protection, output short circuit protection, prevent mutual interference function		
Response time		0.5ms	1ms	1.5ms
LUX of working environment		Illuminance of light receiving surface incandescent lamp: below 3000lx, sunlight: below 10,00lx		
working temperature		During operation: - 25 ~ + 55 °C, during storage: - 40 ~ + 70 °C (no freezing and condensation)		
Environment humidity		During operation: 35-85% RH, during storage: 35-95% RH (no condensation)		
insulation resistance		≥20MΩ (DC500V Megger)		
Withstand voltage		AC1,000V 50/60Hz 1min		
Vibration (durability)		10 ~ 55Hz complex amplitude 1.5mm, 2h in X, y and Z directions		
Impact (durability)		500m / S2, 3 times in X, y and Z directions		
Protection structure		Plastic shell	Plastic shell	Aluminium alloy
Connection mode		Direct cable 2m		

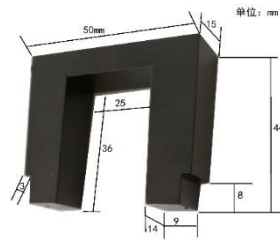
Some special industries count detection has outstanding performance, such as the ability to identify the tail of water droplets, so as not to misjudge. For electrolytic capacitors and other components with pins, it can also intelligently filter without misjudgment.



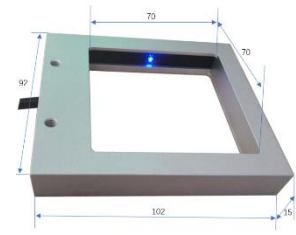
Size:



PE-QL1516

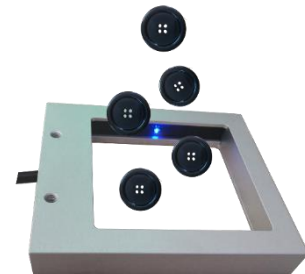
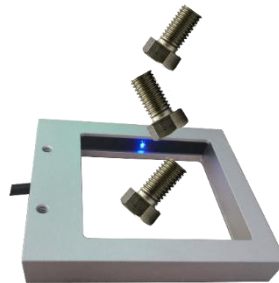
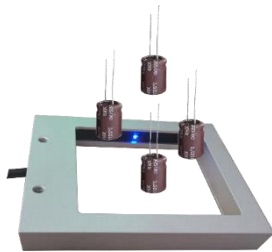
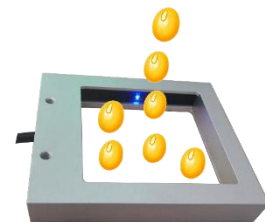
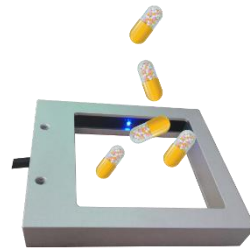
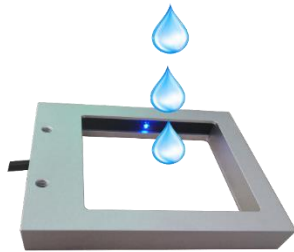


PE-QL2536



PE-QL7070

Application:





**Qily Sensor Technology (Dongguan) Co.,Ltd**

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