

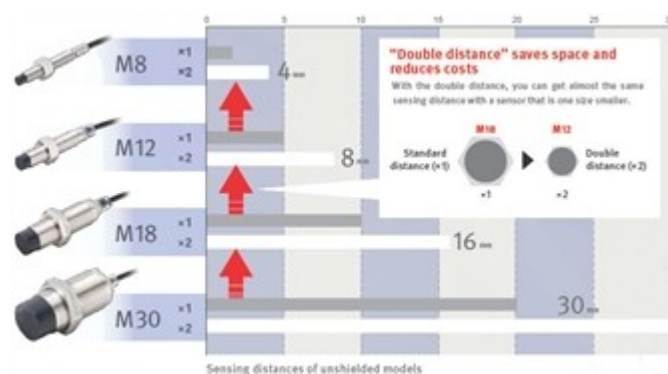
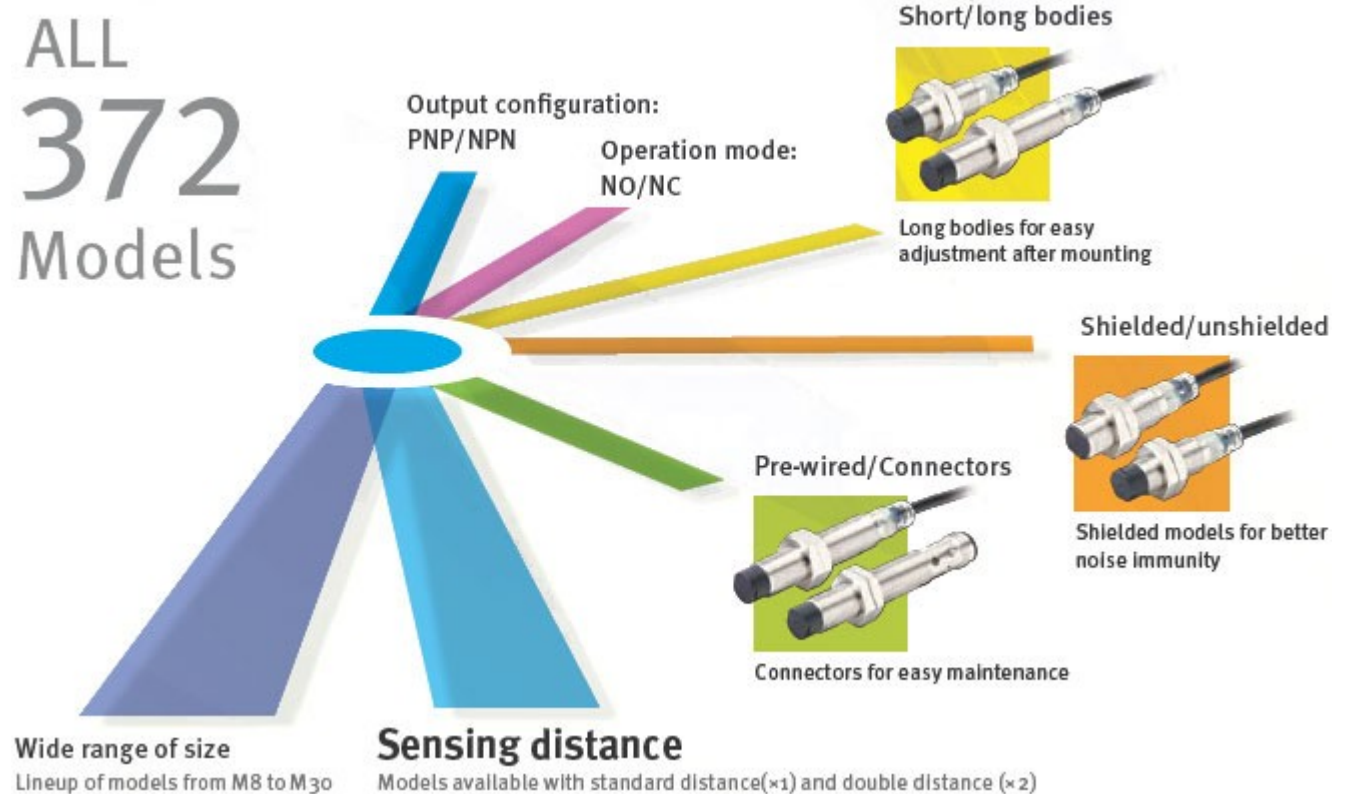
## A new generation in global applications

We asked our customers: "What do you – as a proximity sensor user - really want in a sensor?" Some people wanted reliability in extreme conditions. But most simply wanted reliable performance in standard industrial environments.

These people also wanted attractive pricing, without compromising quality. So we put to work our 50-year heritage in proximity sensors: a heritage that has seen 200 million Omron proximity sensors shipped to satisfied customers across the globe. We put this heritage to work as well as our understanding of customer needs. The result is the new E2B sensor range: designed to give you quality, reliability and value-for-money.

### Perfect fit for standard environments

The new E2B proximity sensors promise the perfect fit to your particular needs. With the wide range of models in the E2B family, you can choose the one that exactly meets your needs. For example, we have four different sizes: M8, M12, M18 and M30, each one with single or double sensing distances, shielded and unshielded. There's also a choice of short and long bodies, two connecting methods and four output types. With this range to choose from, you're certain to find the perfect fit.



[Please click image to enlarge \(open in a new window\).](#)

### Time and cost savings

For standard conditions you can easily select E2B sensors because they have an easy-to-read code without complex codification. They also have a bright circular LED indicator, so you can quickly determine their operating status. These two features reduce the effort in machine maintenance, so you will save time and money.

### 360-degree indication

Easy visibility for 360° even in dark locations so you can mount the sensor in any direction.



### The ideal solution for standard industrial environments

Pay only for what you need



Most industrial applications are conducted in a standard environment, in a normal temperature range, without extremes such as high oil- or water-pressure, or strong electromagnetic fields, or constant high mechanical stresses. This makes E2B the ideal solution for the vast majority of applications. It's perfectly reliable for normal conditions. What's more, you get just what you need without paying for unnecessary extreme robustness. For example, in the machine-tool industry, E2B sensors are ideal for detecting tool positions or line encoders. For packaging machines they can be used for detecting the positions of welded or pressed elements.

### IP67

We have performed not only a specified test for rating the degree of protection (IP67) for catalogs, but also tests with oil mist which appears onsite. Simulation tests has been performed with attachment of high concentration of oil mist.

	E2B	E2A
Feature	Superior price	Superior robustness
Oil/water resistance	Good	Good
IP	IP67	IP69K
Temperature	-25 to 70°C	-40 to 70°C
Other		Lineup of 2-wire models, and AC types are available. NO+NC. Customization

[Please click image to enlarge \(open in a new window\).](#)

## **Global deliveries and support**

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Our global network of 150 bases located in 40 countries ensure that we can support you with products and services without delay. This global product and service availability is especially important to those customers who manufacture machines in America for use in Asia, for example.