

New Light convergent sensor B5W-LB with an indicator series

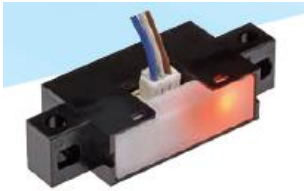


Lighting status of indicator lamp types

Line-up on B5W series

Released light convergent reflective sensors with an indicator lamp

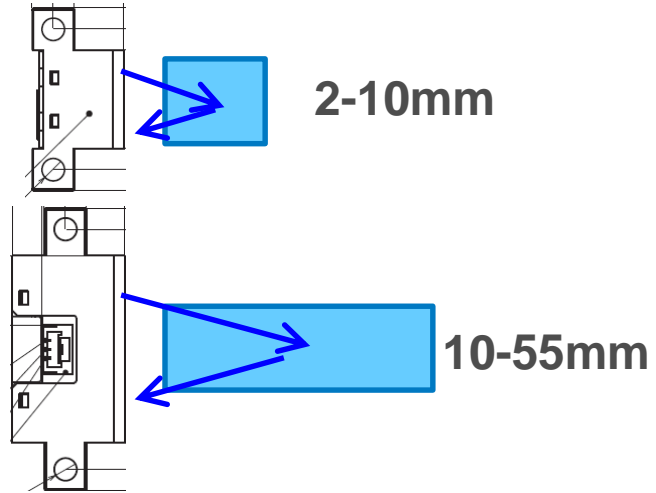
Type with an indicator lamp



**B5W-
LB1114-1**



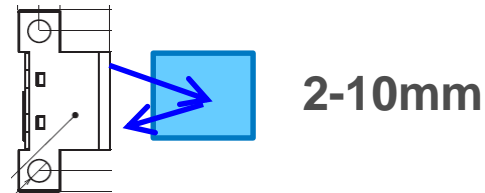
**B5W-
LB2114-1**



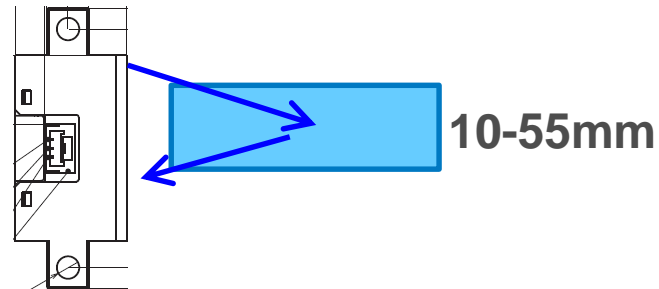
**Newly
launched**

Type without an indicator lamp

**B5W-LB1112-1
B5W-LB1122-1**

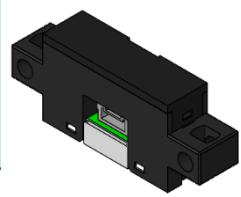
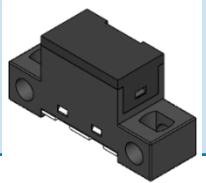


**B5W-LB2101-1
B5W-LB2112-1
B5W-LB2122-1**



New Product – Main Spec

- Added models with an indicator lamp in current B5W-LB series.
- The same specification as current B5W-LB series except for the indicator lamp

		B5W-LB2112-1	B5W-LB2114-1	B5W-LB2122-1	B5W-LB1112-1	B5W-LB1114-1	B5W-LB1122-1
Qty in a package		1pcs					
Size		Miniature 40*8.4*h15.9			Super miniature 26*8.4*h13		
Appearance							
Sensing distance	White paper	10-55mm			2-10mm		
	Black paper	10-40mm			3-8mm		
Operation indicator		N/A	Available	N/A	N/A	Available	N/A
Power supply voltage		24VDC					
Operation mode		Light-on		Dark-on	Light-on		Dark-on
Degree of structure		IP50					

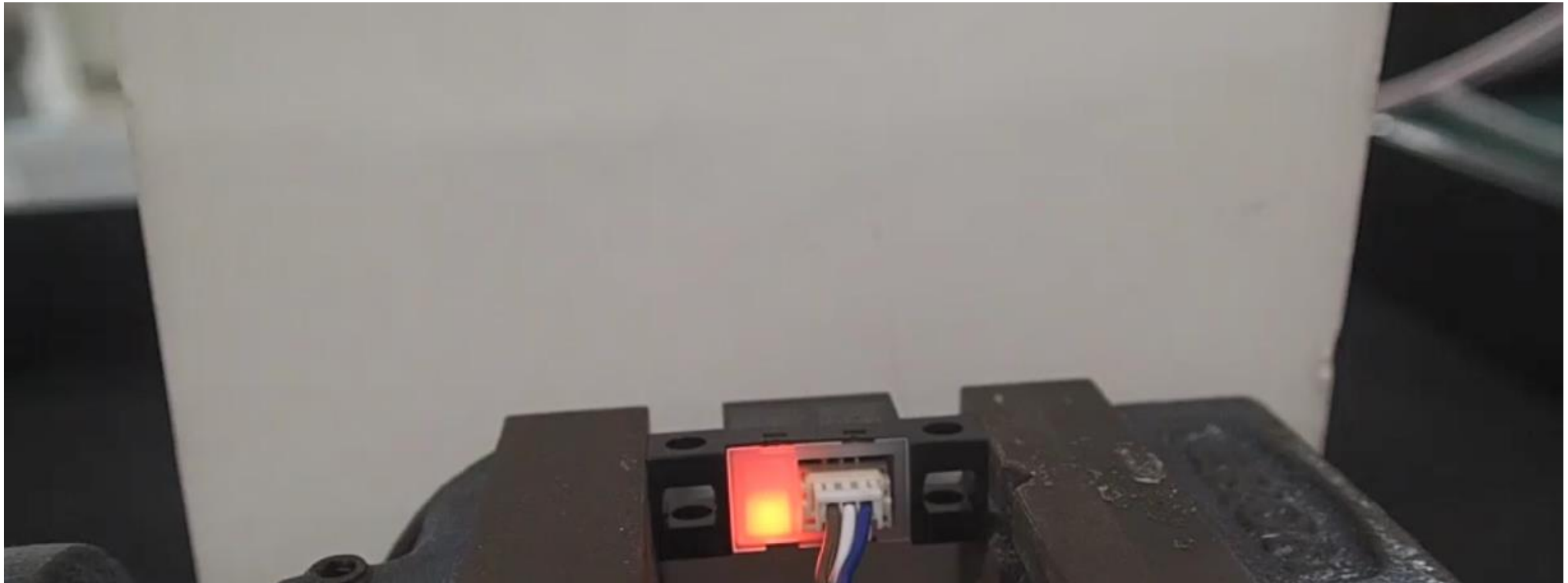
New Product Features & Benefits

Features

- 1) The indicator lamp on this sensor lights up when detecting sensing objects
- 2) The indicator lamp on this sensor stays off when not detecting sensing objects.

Benefits

When the indicator light is on, you can recognize whether the sensor is detecting an object.



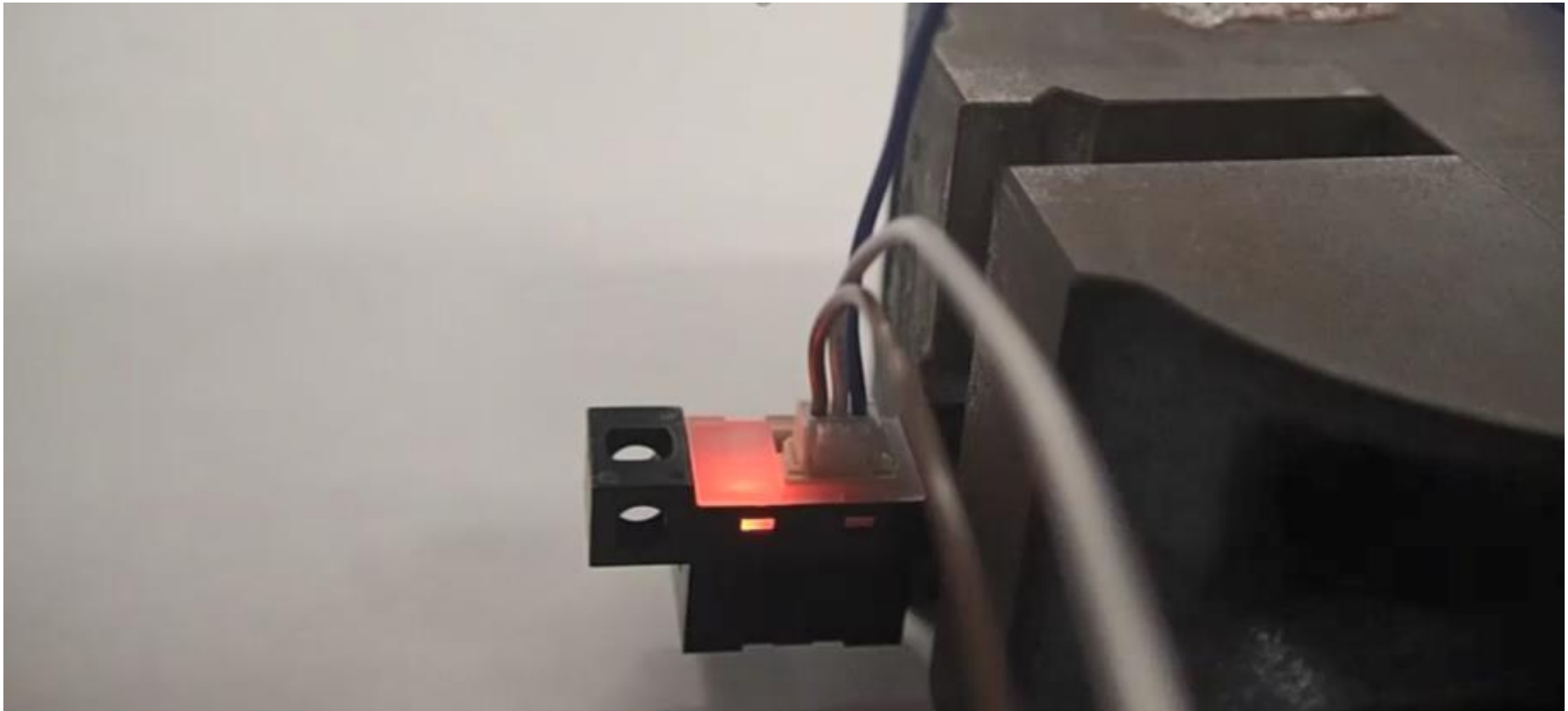
New Product Features & Benefits

Features

You can see whether the indicator lamp is lighting up from different positions.

Benefits

Recognition of sensing status.



New Product Features & Benefits

The same as current B5W-LB series

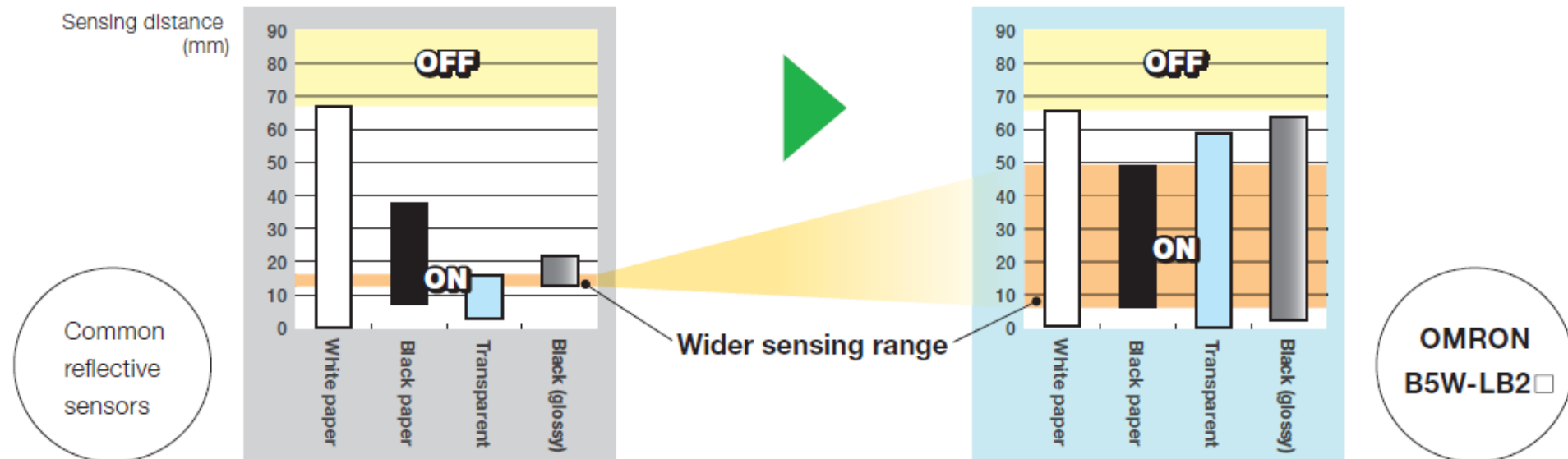
Features

- Sensing distance (On/Off) between objects in LCR sensors is smaller than that of common reflective sensors.
- Capable of sensing objects of various colors over a wide sensing range.

Benefits

- Robust to color detection
- LCR sensors have stable sensing performance to various colors of objects and can contribute added value in machines.

Capable of sensing workpieces of various colors over a wide sensing range



New Product Features & Benefits

The same package as current B5W-LB series

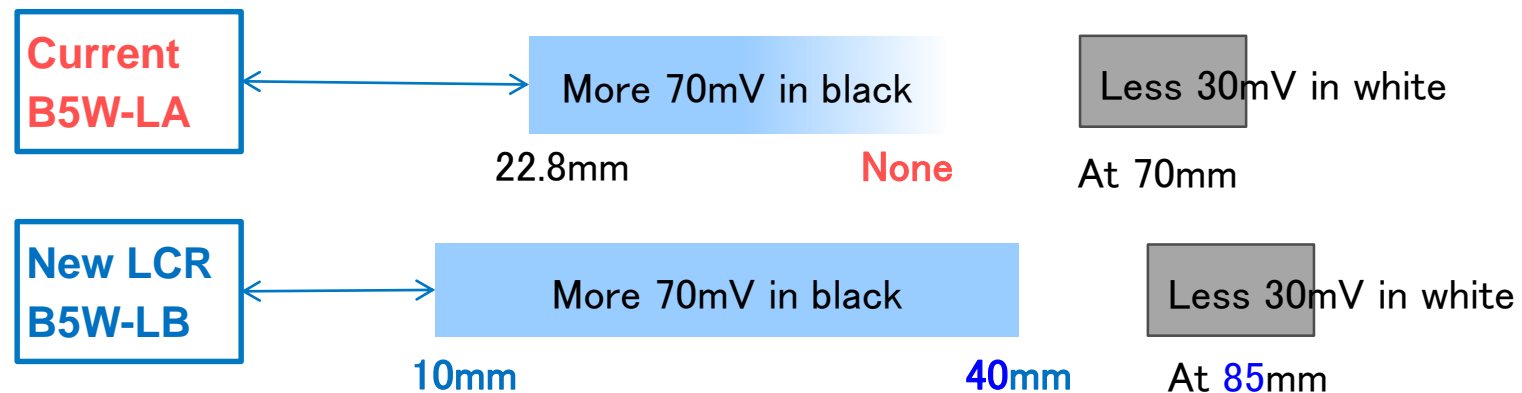
Features

- Expanded sensing range
 - > Spec of sensing range
 - non => 10-40mm in black
 - > Improvement of sensing performance close to LCR sensors
 - 22.8 => 10mm in black

Benefits

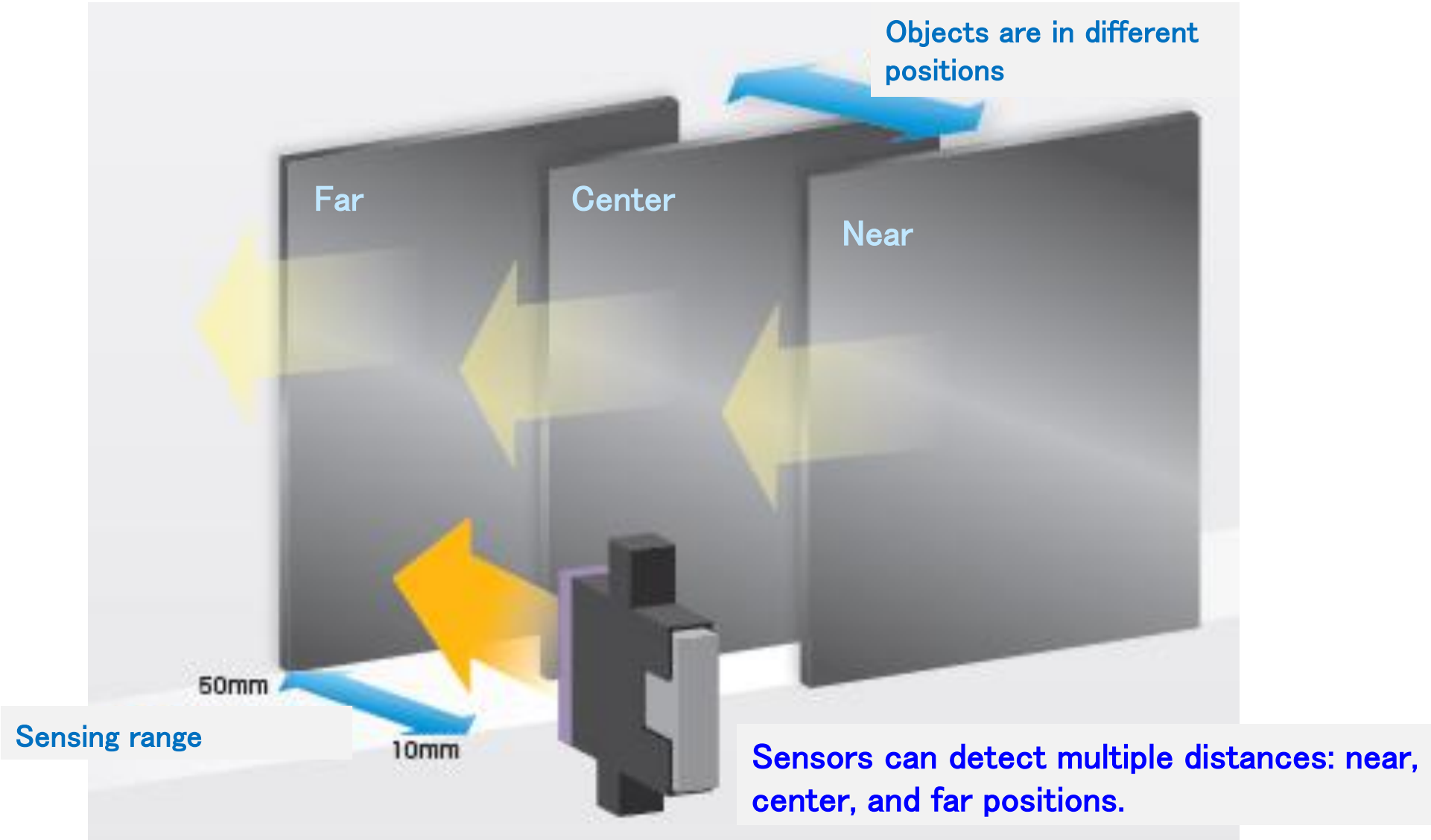
- Robust to distance
 - > Stable to detect objects in different positions
 - > LCR sensors can detect black and white objects in any sensing range.

Comparing in sensing range in miniature type



New Product Features & Benefits

The same as current B5W-LB series



Details of Target Application

- Pamphlet for B5W-LB has application examples.
- B5W-LB series is used in applications to detect various objects like mirrors, black and transparent materials.

**Container
detection**



Analysis equipment

**Printed paper
detection**



Printing equipment

**Tablet package
detection**



Tablet packagers

Cup detection



Coffee makers

**Article detection
inside boxes**



Delivery boxes

Hand detection

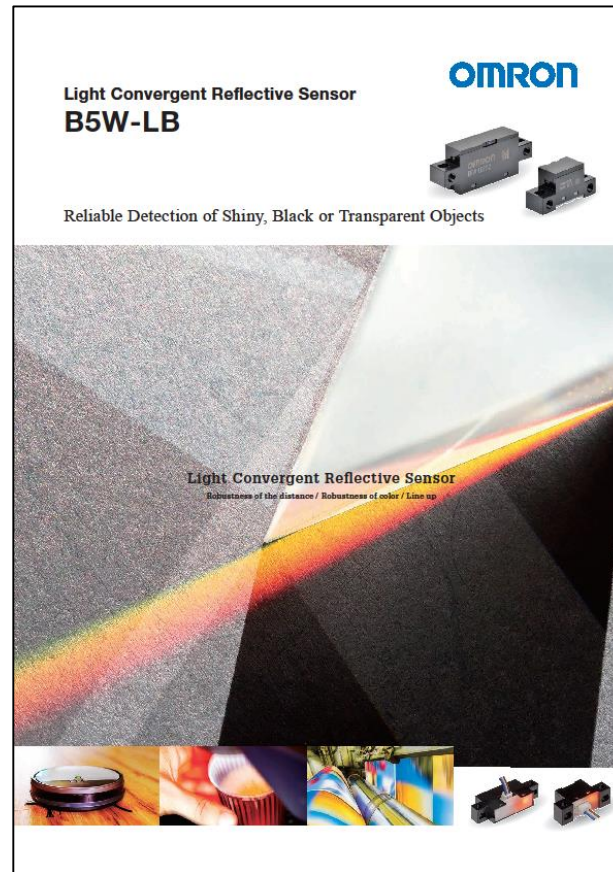


Sanitation equipment

Promotion tools

■ Brochure below is sent as a separate attachment

English



OMRON



Thank You