

Discontinuation Notice of Air Quality Sensor Model B5W-LS0101-1, Model B5W-LD0101-2.

Product Discontinuation

Air Quality Sensor



Model B5W-LD0101-1
Model B5W-LD0101-2



Recommended Replacement

No recommended replacement
No recommended replacement

[Final order entry date]

The end of March, 2022


[Date of The Last Shipping]

The end of June, 2022

[Product Discontinuation and recommended replacement]

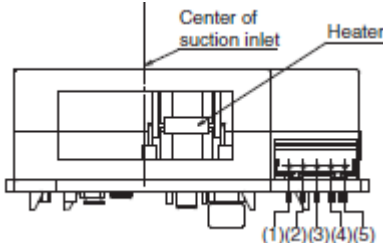
Product discontinuation	Recommended replacement
B5W-LD0101-1	No recommended replacement
B5W-LD0101-2	No recommended replacement

[Body color]

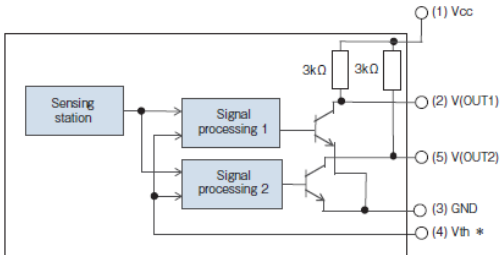
Product discontinuation Model B5W-LD0101-1, Model B5W-LD0101-2	Recommendable replacement
Black 	No recommended replacement

[Wire connection]

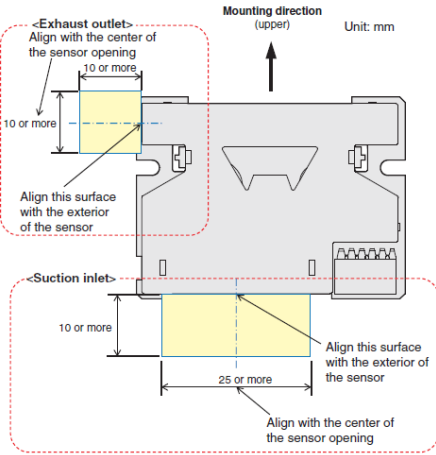
Product discontinuation Model B5W-LD0101-1, Model B5W-LD0101-2	Recommendable replacement
Wire connection	No recommended replacement



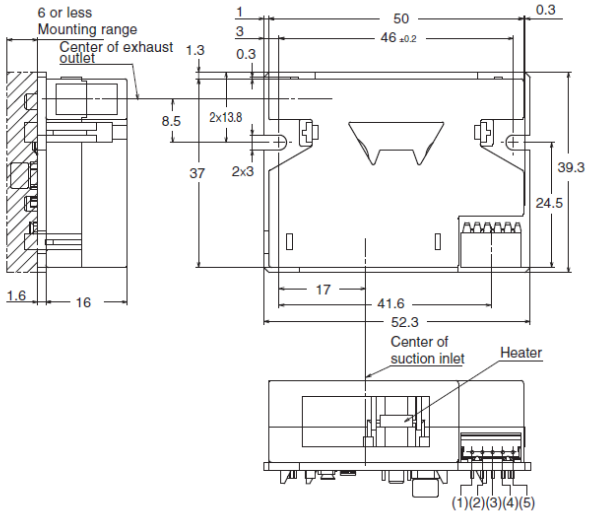
Pin	Terminal name	Remarks
(1)	V _{CC}	Input voltage pin
(2)	V (OUT1)	Output voltage pin 1
(3)	GND	Ground pin
(4)	V _{th}	Input threshold voltage pin
(5)	V (OUT2)	Output voltage pin 2



[Mounting dimensions]

Product discontinuation Model B5W-LD0101-1, Model B5W-LD0101-2	Recommendable replacement
 <p>Mounting direction (upper) Unit: mm</p> <p>Exhaust outlet: Align with the center of the sensor opening 10 or more</p> <p>Align this surface with the exterior of the sensor</p> <p>Suction inlet: 10 or more</p> <p>Align this surface with the exterior of the sensor</p> <p>Align with the center of the sensor opening</p> <p>25 or more</p>	<p>No recommended replacement</p>

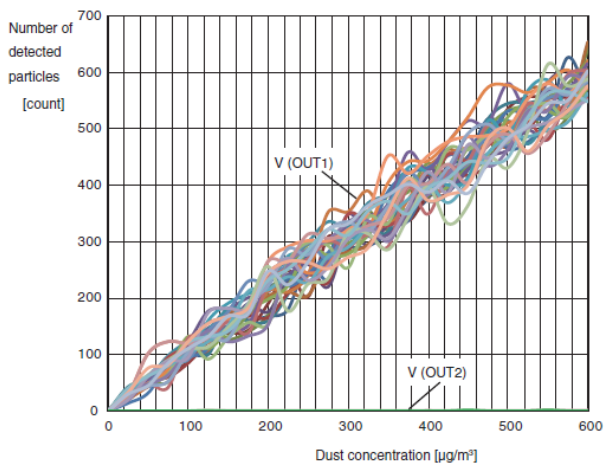
[Dimensions]

Product discontinuation Model B5W-LD0101-1, Model B5W-LD0101-2	Recommendable replacement
 <p>6 or less mounting range</p> <p>Center of exhaust outlet</p> <p>1.6 16</p> <p>8.5 1.3 2x13.8 37 2x3 17 41.6 52.3</p> <p>50 46\pm0.2 0.3 39.3 24.5 0.3 1 3 0.3</p> <p>Center of suction inlet Heater</p> <p>(1)(2)(3)(4)(5)</p> <p>Connector on circuit board side: AMP 292164-5 Number of terminals: 5 pin Recommended mating connectors: AMP173977-5</p>	<p>No recommended replacement</p>

[Characteristics]

Item	Product discontinuation Model B5W-LD0101-1, Model B5W-LD0101-2	Recommendable replacement
Supply voltage	Absolute Maximum Ratings MAX 5.5V	No recommended replacement
Input threshold voltage	Absolute Maximum Ratings MAX 5.5V	
Operating temperature	Absolute Maximum Ratings 0 to 45 °C	
Storage temperature	Absolute Maximum Ratings -25 to 45 °C	
Supply voltage	MIN 4.5, TYP 5V, MAX 5.5V	
Input threshold voltage	MAX 3.5V	
Hi level output	MIN 4.5V	
Low level output	MAX 0.7V	
Supply current	MAX 90mA	
Number of detections V(OUT1)	TYP 300 COUNT	
Number of detections V(OUT2)	MIN 0 COUNT	

[Operation ratings]

Product discontinuation Model B5W-LD0101-1, Model B5W-LD0101-2	Recommendable replacement
Dust concentration – Number of Detected Particles Correlation Graph 	No recommended replacement

Specifications and prices in this product news are as of the issue date and are subject to change without notice.
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.