

NO: FS - 018	PRODUCT: 2SMPB-01-01 – Pressure Sensor
DATE: October 2017	TYPE: DISCONTINUATION – Stream Line Product Offering

2SMPB-01-01 Pressure Sensor - DISCONTINUATION

In an effort to streamline our product offering and focus on popular models of Omron’s line of Pressure Sensor, OMRON will discontinue the 2SMPB-01-01 / TR Absolute Pressure Sensor model in February 2018. The suggested replacement will be our 2SMPB-02E Digital Barometric Pressure Sensor model, which despite differences of footprint, operating ratings and wire connections can be considered to be a functional equivalent. Please carefully read through this notification and note the differences. The following details will fully explain the discontinuation and suggested replacement considerations; should you have any additional questions, however, please communicate with the MEMS Product Specialist.

LAST Order date (Last Time Buy Date)

February 28, 2018

All orders entered by the LTB date will be shipped by the factory by the end of:

June, 2018

	<p>Product Discontinuation</p> <p>Absolute Pressure Sensor</p> <p>Model 2SMPB-01-01</p> <p>Model 2SMPB-01-01-TR</p>		<p>Suggested Replacement</p> <p>Digital Barometric Pressue Sensor</p> <p>Model 2SMPB-02E</p> <p>Model 2SMPB-02E</p>
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Differences from discontinued product:

Suggested Replacement Model	Body Color	Dimen-sions	Wire connection	Mounting Dimensions	Charact-eristics	Operation ratings	Operation methods
2SMPB-02E	-	-	-	-	*	-	-

- ** : Compatible
- * : The change is a little/Almost compatible
- : Not compatible
- : No corresponding specification

Wire Connection:

Discontinued Model 2SMPB-01-01 / TR	Suggested Replacement Model 2SMPB-02E

Mounting Dimensions:

Discontinued Model 2SMPB-01-01 / TR	Suggested Replacement Model 2SMPB-02E
<p>Mounting PAD Dimensions (Top View) (Recommended)</p> <p>PCB Land Pad</p>	<p>Mounting PAD Dimensions (Top View) (Recommended)</p>

Dimensions:

Discontinued Model 2SMPB-01-01 / TR	Suggested Replacement Model 2SMPB-02E

Characteristics:

Item	Discontinued Model 2SMPB-01-01 / TR	Suggested Replacement Model 2SMPB-02E
Operating Voltage	Typ 2.5V / min 2.25V / max 3.6V	Typ 1.8V / min 1.71V / max 3.6V
Average Current	Typ 9μA	Typ 21.4μA
Current Consumption	Typ 500μA / Max 610μA	Typ 640μA / Max 800μA
Sleep Mode Current Consumption	Typ 0.3μA / Max 0.6μA	Typ 1.1 μA / Max 2.3μA
Absolute Pressure Accuracy	-750Pa~750Pa (70-110kPa, 25°C)	Typ +/- 50Pa (30-110kPa, 0-65°C) Typ +/-80Pa (30-110kPa, -20°C-0°C)
Relative Pressure Accuracy	Typ 6Pa	Typ 3.9Pa

This table does not cover all product characteristics. Please refer to each of the product's datasheet for more detailed information.

Details of Applicable Models:

2SMPB Discontinued Models	2SMPB Suggested Replacement Model
2SMPB-01-01	2SMPB-02E
2SMPB-01-01-TR	2SMPB-02E

* Sales teams should communicate this discontinuation with their OEM's and CEM's.
For further technical support and any questions, please communicate with Product Marketing.

Omron Electronic Components LLC's Tech Support Group for Americas created the specifications in this product news, these 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.
Last time buy dates are subject to change based on availability