



PRODUCT CHANGE NOTIFICATION

SLIDE POTENTIOMETERS



Select Bourns® Model PSM Series Motorized Slide Potentiometer

Additional Source of Supply for Motor

& Change to Metal Plate, Plate Form and VR Thickness

Riverside California – November 7, 2022 – In order to support fast-growing demand, enhance continuity of supply and provide maximum flexibility to customers, effective January 2, 2023, Bourns will begin using an additional motor supplier for select [Model PSM Series Motorized Slide Potentiometers](#). The additional supplier was qualified and is included in our Authorized Vendor List. A list of affected part numbers is listed below.

Affected Part Numbers:			
PSM01-DGC1-103B1	PSM01-081A-103B2	PSM01-081A-105A4	PSM01-081A-103A3
PSM01-082A-103B2	PSM01-081A-103B1	PSM01-081A-203B2	PSM01-HTE1-103B1
PSM01-082A-103B1	PSM01-081A-104B2	PSM01-081A-204A4	PSM01-081A-105A4

The use of the motors from the new supplier does not change the data sheet specifications for the Model PSM Series (<https://bourns.com/docs/product-datasheets/psm.pdf>).

The dimensions of the motor from the additional supplier are slightly longer than those of the original supplier. As such, Bourns will change the metal plate in order to fit motors from both production facilities. The new metal plate will be standard in all Model PSM products regardless of the motor supplier. As provided in the drawings below, the plate form and VR thickness of the products with the original and alternative motor will differ.

	Original Product	Changes with Alternate Supplier								
Motor Dimension		<table border="1"> <thead> <tr> <th>ITEM</th> <th>DESCRIPTION</th> <th>LENGTH</th> </tr> </thead> <tbody> <tr> <td rowspan="2">C</td> <td>MABUCHI Motor</td> <td>(36.1)</td> </tr> <tr> <td>MINEBEA Motor</td> <td>(35.6)</td> </tr> </tbody> </table>	ITEM	DESCRIPTION	LENGTH	C	MABUCHI Motor	(36.1)	MINEBEA Motor	(35.6)
ITEM	DESCRIPTION	LENGTH								
C	MABUCHI Motor	(36.1)								
	MINEBEA Motor	(35.6)								

Users should verify that the described changes will not impact the performance of the product in their specific applications.

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	Original Product	Changes with Alternate Supplier
Plate Form and VR Thickness		

CHANGE DESCRIPTION BEFORE	CHANGE DESCRIPTION AFTER
<p>Current motor with current metal plate</p>	<p>2nd source motor with new metal plate 1st source motor, refer to picture before change.</p>

Due to the external dimension change caused by the new metal plate on all affected part numbers and the longer motor on products utilizing motors from the additional supplier, the fit of the affected part numbers will change. Due to the plate form, the form of the affected part numbers will change. The function, quality and reliability of the Model PSM Series Motorized Slide Potentiometer remains the same. Traceability is maintained through identification of the motor supplier on the product label.

Samples built from the alternate motor are available upon request. Unless a motor supplier preference is clearly indicated on the purchase order and confirmed at the time of acceptance by Bourns, Bourns will fill the order from any available inventory stock at the time of order. As with any adjustments in product content, Bourns highly recommends that customers test the affected models in their specific applications for their own verification of satisfactory performance.

If you have any questions or need additional information, please feel free to [contact Customer Service/Inside Sales](#).