

3/8" Diameter Plunger Switch



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PB / PBF-2020 Series



- ◆ Adjustable screw plunger, travel distance total .250, pre-travel is $.110 \pm 0.40$
 - ◆ 3/8" diameter
- ◆ Single drill hole
- ◆ Press fit or flange
- ◆ 12" #22AWG leads or screw terminals
- ◆ Colors: white, brown and gray
- ◆ Lifetime Warranty



PB-2020-T



PBF-2020

The 3/8" PB-2020 and PBF-2020 switch series is a unique switch package. Designed to incorporate a plunger, push-to-activate function, into the shortest-most compact package available. Promoted as a solution to securing the newest generation of vinyl extruded or custom type windows.

Available in press-to-fit or screw down flanges, the PB/PBF-2020 series offers the installer a reed and magnet combination for more cost effective installs.

Part Numbers

PB-2020
PBF-2020

PB-2020-T
PBF-2020-T

PB-3030
PBF-3030

GRI PRODUCTS MEET OR EXCEED THESE MINIMUM GENERAL SPECIFICATIONS:

Part Number	Loop Type	Electrical Configuration	Reed Form	Max. Initial Contact Resistance (Ω)	Max. Contact Rating (W)	Max. Switching Voltage (VDC)	Max. Switching Current (A)
PB-2020	Closed	N/O	A	.150	10	200	.500
PB-2020-T	Closed	N/O	A	.150	10	200	.500
PBF-2020	Closed	N/O	A	.150	10	200	.500
PBF-2020-T	Closed	N/O	A	.150	10	200	.500
PB-3030	Open	N/C	B	.140	5	175VDC	.250
PBF-3030	Open	N/C	B	.140	5	175VDC	.250

WARRANTY: Lifetime warranty against workmanship, material and factory defects.

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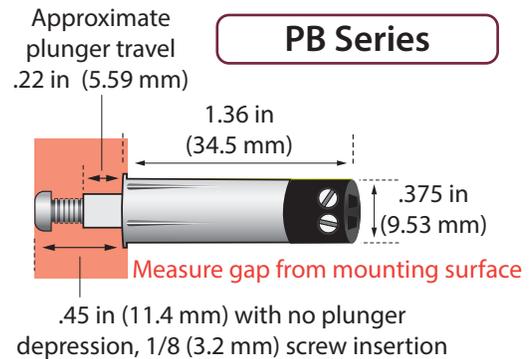
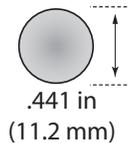
INSTALLATION APPLICATIONS

Installation requires that a single 3/8" hole be drilled, usually into the window frame, eliminating the troublesome and potentially costly hole in the window sash.

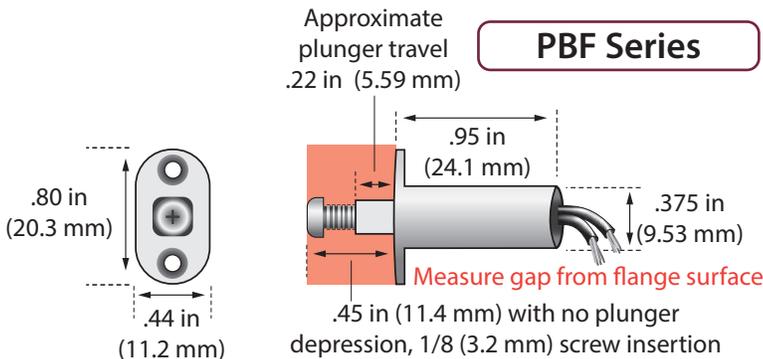
Make certain to properly adjust the screw plunger prior to complete closing of the window. Improper initial adjustment of screw could cause damage to the switch, resulting in a malfunction.

Available as a press fit or a screw mount style with an adjustable length plunger. The PB/PBF plunger series may be the most versatile reed switch to date!

PB SERIES Measure gap from the mounting surface. Press plunger down on the switch and adjust screw so distance between top of screw and the mounting surface is 1/32" (.0312) less than gap. If gap is 3/16" or less, remove adjusting screw. Determine maximum plunger extension PRIOR to closing window. Improper initial adjustment of screw could damage the switch.



PBF SERIES Measure gap from the outside edge of the flange, not the mounting surface.



CAUTION For best performance, slightly over drill the hole for the switch and carefully clear hole of all debris. Too snug of fit can cause interference with switch operation. Do not paint the switch. Do not apply lubricant to the switch as this could hamper or restrict performance. These switches are not recommended for bottom track of windows or sliding doors.

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