

# Roller Ball Plunger Contact

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## RB Series



- ◆ Works from all 360° of direction
- ◆ Screw down flange
- ◆ Fits in a 3/4" hole
  - ◆ Travel distance total .200,  
pre-travel is  $.080 \pm .030$
  - ◆ 12" #22AWG leads
- ◆ Refer to DS-01T for terminal version
  - ◆ Longer leads, zip cords or jacketed cable upon request
- ◆ Hermetically sealed
- ◆ Plated contacts resist sticking or freezing
  - ◆ Spacers and mounting hardware included
  - ◆ Built-in E.O.L. Resistors and Diodes upon request
  - ◆ Switches and spacers available separately
  - ◆ Supervisory loops upon request
  - ◆ Colors: white and brown
  - ◆ Lifetime Warranty



RB-01

<u>Part Numbers</u>		
<u>Closed Loop</u>	<u>Open Loop</u>	<u>SPDT</u>
RB-01	RB-02	RB-03

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

GEORGE RISK INDUSTRIES, INC.  
G.R.I. PLAZA  
KIMBALL, NE 69145  
WWW.GRISK.COM



Made in U.S.A.

C\_RP 5\_roller ball plunger RB series

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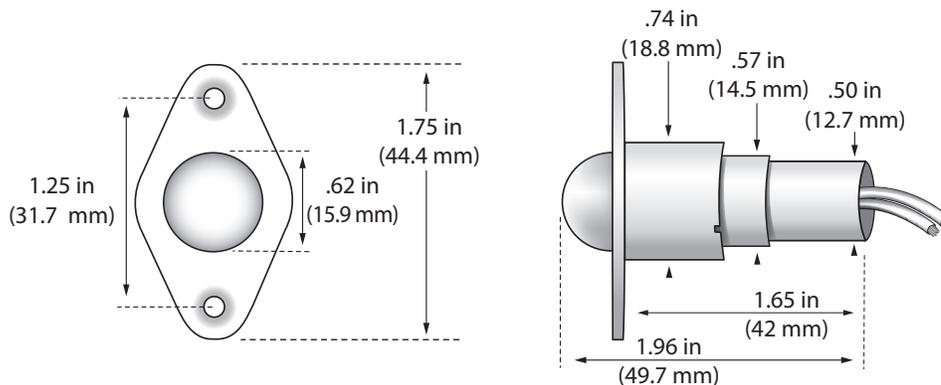


## INSTALLATION APPLICATIONS

GRI's Roller Ball Switch is a unique application of the magnetic reed, combining into a single package, a mechanical plunger action and the reliability of a hermetically sealed switch.

The ball plunger can be activated from any 360° direction, using a sliding motion. One typical example is that action produced by opening or closing of a door or window into its frame. The roller ball switch is also very effective used as an interior trap device by mounting on a flat surface, such as a display table, and placing the protected object directly on the switch to conceal and actuate the roller ball. GRI roller ball switches can work when nothing else will. Spacers and mounting hardware included with switch and also available separately. Not recommended for the bottom track of doors and windows.

### RB-01



#### GRI PRODUCTS MEET OR EXCEED THESE MINIMUM GENERAL SPECIFICATIONS:

Part Number	Loop Type	Electrical Configuration	Reed Form	Max. Initial Contact Resistance ( $\Omega$ )	Max. Contact Rating (W)	Max. Switching Voltage (VDC)	Max. Switching Current (A)
RB-01	Closed	N/O	A	.150	10	200	.500
RB-02	Open	N/C	A	.150	10	200	.400VDC
RB-03	Open/Closed	SPDT	C	.140	5	175VDC	.250

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