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Sensing and Control  
**Interactive  
Catalog...**

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### Sensing and Control

Honeywell Inc.

11 West Spring Street

Freeport, IL 61032

[www.honeywell.com/sensing](http://www.honeywell.com/sensing)

## Enclosed Switches



### FEATURES

- Pilot light (optional)
- Cast aluminum housing
- Side or flange mount

- Single and double conduit openings
- UL Recognized, file #E12252
- Grounding screw
- Sealed to NEMA 1, 3, 4, and 13

### ACCESSORIES

Pilot Light 110-220 VAC (complete with seal) ..... **15LT1**  
 Wiring Seal (for No. 14 type "S" rubber jacketed cord) ..... **2PA1**

### ELECTRICAL RATING

| Circuitry                                                                                                        | Electrical Rating                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Single-pole<br>Double-throw | A      UL Rating<br>15 amp, 125, 250 or 480 VAC;<br>2 amp, 600 VAC;<br>1/8 Hp, 125 VAC; 1/4 Hp, 250 VAC;<br>1/2 amp, 125 VDC; 1/4 amp 250 VDC. |

BZG/BZH switches have a neoprene seal gasket between the housing halves, elastomer boot actuators, sealed conduit connectors, and die cast aluminum housing. Mounting holes are located outside the switch cavity and accept No. 10 screws. A neon pilot light can be added to switches having two conduit openings to indicate contact status.

## STRAIGHT PLUNGER ACTUATED SWITCHES



Flange mount  
with seal boot

### ORDER GUIDE

| Description                   | Elec. Rating | Mtg.   | Catalog Listing   |                    | O.F.<br>N<br>oz.      | P.T.<br>max.<br>mm<br>in. | O.T.<br>min.<br>mm<br>in. | D.T.<br>max.<br>mm<br>in. |
|-------------------------------|--------------|--------|-------------------|--------------------|-----------------------|---------------------------|---------------------------|---------------------------|
|                               |              |        | 1 Conduit Opening | 2 Conduit Openings |                       |                           |                           |                           |
| With seal boot. SPDT.         | A            | Side   | <b>BZG1-2RN</b>   | <b>BZG2-2RN</b>    | 2,50-<br>6,68<br>9-24 | 1,98<br>.078              | 5,56<br>.219              | 0,05<br>.002              |
|                               |              | Flange | <b>BZH1-2RN</b>   |                    |                       |                           |                           |                           |
| Seal boot with roller plunger | A            | Side   | BZG1-2RN80        | —                  |                       |                           |                           |                           |

## ROLLER LEVER ACTUATED SWITCHES



Side mount  
with seal boot

### ORDER GUIDE

| Description                                                                   | Elec. Rating | Mtg.   | Catalog Listing   |                    | O.F.<br>N<br>oz.       | P.T.<br>max.<br>mm<br>in. | O.T.<br>min.<br>mm<br>in. | D.T.<br>max.<br>mm<br>in. |
|-------------------------------------------------------------------------------|--------------|--------|-------------------|--------------------|------------------------|---------------------------|---------------------------|---------------------------|
|                                                                               |              |        | 1 Conduit Opening | 2 Conduit Openings |                        |                           |                           |                           |
| With seal boot. Field adjustable 360° horizontally and 225° vertically. SPDT. | A            | Side   | <b>BZG1-2RN2</b>  | <b>BZG2-2RN2</b>   | 2,78-<br>5,57<br>10-20 | 4,78<br>.188              | 5,56<br>.219              | 0,15<br>.006              |
|                                                                               |              | Flange | <b>BZH1-2RN2</b>  |                    |                        |                           |                           |                           |

## LOW FORCE ROD ACTUATED SWITCHES



Side mount  
with seal boot

### ORDER GUIDE

Rod can be cut or bent to suit application needs

| Description                                                                   | Elec. Rating | Mtg.   | Catalog Listing   |                    | O.F.<br>N<br>oz.     | P.T.<br>max.<br>mm<br>in. | O.T.<br>min.<br>mm<br>in. | D.T.<br>max.<br>mm<br>in. |
|-------------------------------------------------------------------------------|--------------|--------|-------------------|--------------------|----------------------|---------------------------|---------------------------|---------------------------|
|                                                                               |              |        | 1 Conduit Opening | 2 Conduit Openings |                      |                           |                           |                           |
| With seal boot. Field adjustable 360° horizontally and 250° vertically. SPDT. | A            | Side   | <b>BZG1-2RN62</b> | <b>BZG2-2RN62</b>  | 0,83-<br>1,95<br>3-7 | 18,24<br>.718             | 21,29<br>.838             | 5,82<br>.229              |
|                                                                               |              | Flange | <b>BZH1-2RN62</b> |                    |                      |                           |                           |                           |

N = Newtons

Characteristics: O.F. — Operating Force; P.T. — Pretravel; O.T. — Overtravel; D.T. — Differential Travel

For rapid response – off the shelf service, all **bold face** listings are normally stocked items.

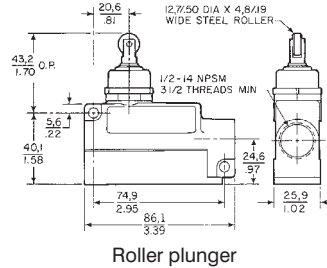
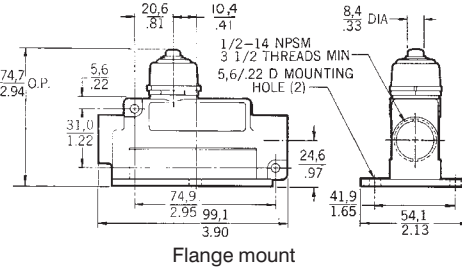
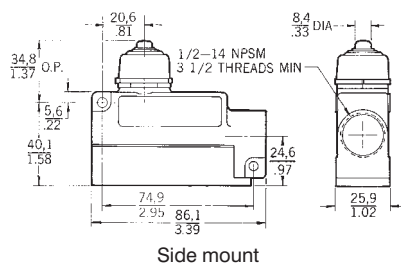
## Enclosed Switches

### REPLACEMENT PARTS

|                                                                                                  | Catalog Listing                                 |
|--------------------------------------------------------------------------------------------------|-------------------------------------------------|
| <b>Switching Units</b><br>For Straight Plunger Switch<br>For Roller or Rod Lever Switch          | <b>BZ-2RN770</b><br><b>BZ-2RN702</b>            |
| <b>Actuators</b><br>Roller Lever<br>Rod Lever<br><b>Seal Boot</b> , including retaining hardware | <b>6PA2</b><br><b>6PA140-E6</b><br><b>10PA2</b> |

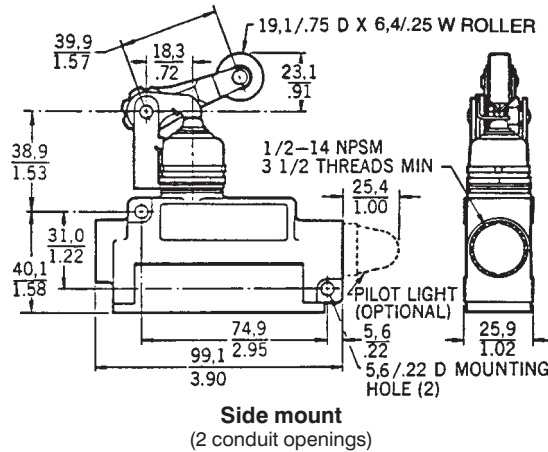
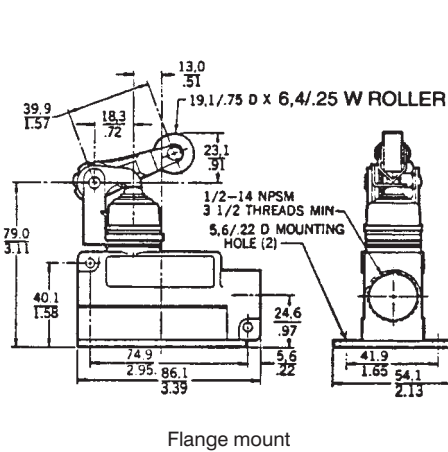
### MOUNTING DIMENSIONS (For reference only)

#### PLUNGER

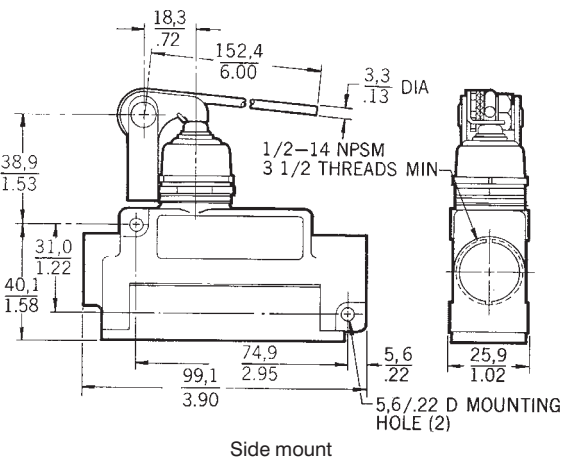
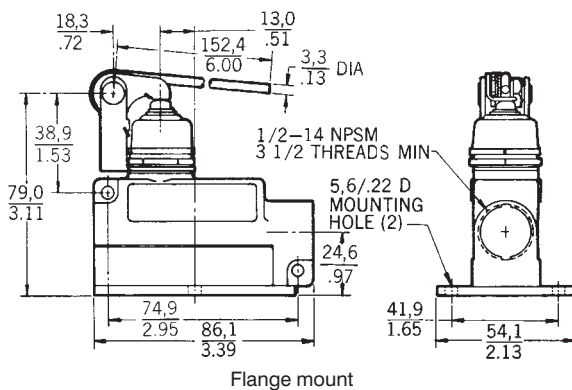


Limit/Enclosed

#### ROLLER LEVER



#### ROD



Key: 0.0 = mm  
0.00 = inches

# Mouser Electronics

Authorized Distributor

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[BZG1-2RN62](#)