







## Industrial/Alarm

| Part# PRX+                       | <a href="#">5100</a>  | <a href="#">5200</a>  | <a href="#">5300</a>  | <a href="#">6100</a>   | <a href="#">6200</a>  | <a href="#">6300</a>  |
|----------------------------------|---|---|---|--|---|---|
| <b>CONTACT FORM</b>              | FORM A  | FORM B  | FORM C  | FORM A   | FORM B  | FORM C  |
|                                  | SPST-NO   | SPST-NC   | SPDT  | SPST-NO  | SPST-NC   | SPDT  |
| <b>SWITCHING RATING</b>          |  |  |  |  |  |  |
| <b>VOLTS DC MAX</b>              | 30  | 120   | 120   | 30   | 120   | 120   |
| <b>AMPS DC MAX</b>               | 0.25  | 0.25  | 0.25  | 0.25   | 0.25  | 0.25  |
| <b>WATTS DC MAX</b>              | 3.0   | 3.0   | 3.0   | 3.0  | 3.0   | 3.0   |
| <b>VOLTAGE HOLDOFF (DC) MIN.</b> | 200   | 400   | 400   | 200  | 300   | 300   |
| <b>INITIAL RESISTANCE (OHMS)</b> | .25   | .25   | .25   | .25  | .25   | .25   |
| <b>OPERATING TEMP RANGE (°C)</b> | +10<br>+70  | +10<br>+70  | +10<br>+70  | +10<br>+70   | +10<br>+70  | +10<br>+70  |
| <b>D-MUST OPERATE (INCH)</b>     | 1.000   | 1.000   | 1.000   | 1.000  | 1.000   | 1.000   |
| <b>D-MUST RELEASE (INCH)</b>     | 2.500   | 2.500   | 2.500   | 2.500  | 2.500   | 2.500   |
| <b>WIRE COLOR/AWG</b>            | LUG TERMINAL  | LUG TERMINAL  | LUG TERMINAL  | WHT/22   | WHT/22  | WHT/22  |

**ACTUATOR  
PART NO.**

5000ACT

5000ACT

5000ACT

6000ACT

6000ACT

6000ACT

**NOTES:**

Part Number **PRX+6300** Contact Form C Switch Configuration SPDT Rev. D

**Surface-Mount Sensor for Industrial/Alarm Applications**

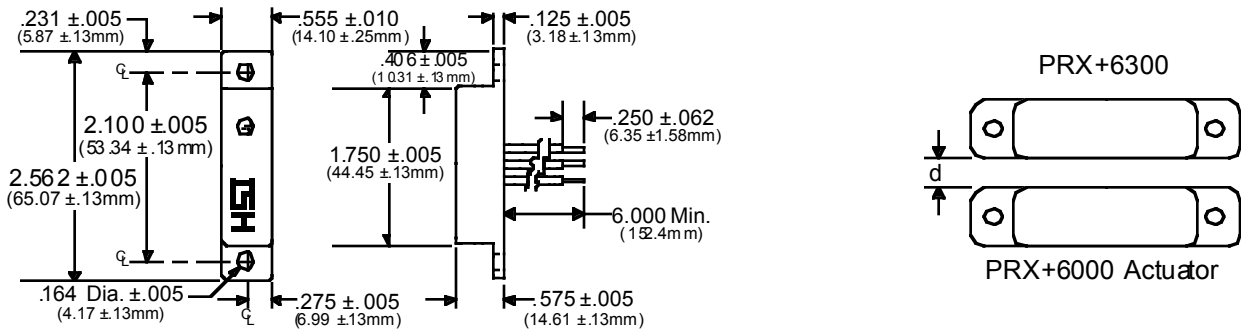
| Features  | Advantages  |
|---|---|
| <ul style="list-style-type: none"> <li>Hermetically sealed contacts</li> <li>Housing color options eggshell, brown, gray</li> </ul> | <ul style="list-style-type: none"> <li>Extended operations in extreme environments</li> <li>Not ESD sensitive</li> <li>Custom sensitivity and configurations available+</li> <li>UL Listed</li> </ul> |

**Electrical Specifications**

|             |                            |                 |            |
|-------------|----------------------------|-----------------|------------|
| Power       |                            | Watts - maximum | 3          |
| Voltage     | Switching                  | VDC - maximum   | 120        |
|             | Breakdown                  | VDC - minimum   | 300        |
| Current     | Switching                  | Amp - maximum   | 0.25       |
|             | Carry                      | Amp - maximum   | 2.6        |
| Resistance  | Initial Contact Resistance | Ohm - maximum   | 0.25       |
|             | Insulation Resistance      | Ohm - minimum   | 1 E9       |
| Capacitance | Contact                    | pF - typical    | 1.7        |
| Temperature | Operating                  | °C - maximum    | +10 to +70 |
|             | Storage                    | °C              | +10 to +70 |

**Physical/Operational Specifications**

|                     |                      |                    |       |
|---------------------|----------------------|--------------------|-------|
| Housing Volume      | Excluding Connection | CC - nominal       | 9.6   |
| External Connection | 22 AWG               | UL 1007            | PVC   |
| Must Operate        | Distance (d)         | Inches             | 1.000 |
| Must Release        | Distance (d)         | Inches             | 2.500 |
| Operate Time        | Including Bounce     | mSeconds - maximum | 1.00  |
| Release Time        | Including Bounce     | mSeconds - maximum | 0.80  |



- Notes:
- (1) Specifications are not constant across entire magnetic range.
  - (2) Customer must exercise care in handling and mounting to prevent damage to internal components and subsequent changes to sensor performance.
  - (3) For information about performance, custom configuration (i.e. wire length or color; connectors; operational variation), or packaging contact our Sales department.
  - (4) Information contained hereon is for informational purposes only and should not be deemed as accurate for a specific application. Consult factory for specific application information and/or latest revision.