

Part Number PRX+6100 Series Contact Form A Switch Configuration SPST Rev. J

Form A Surface-Mount Proximity Sensor

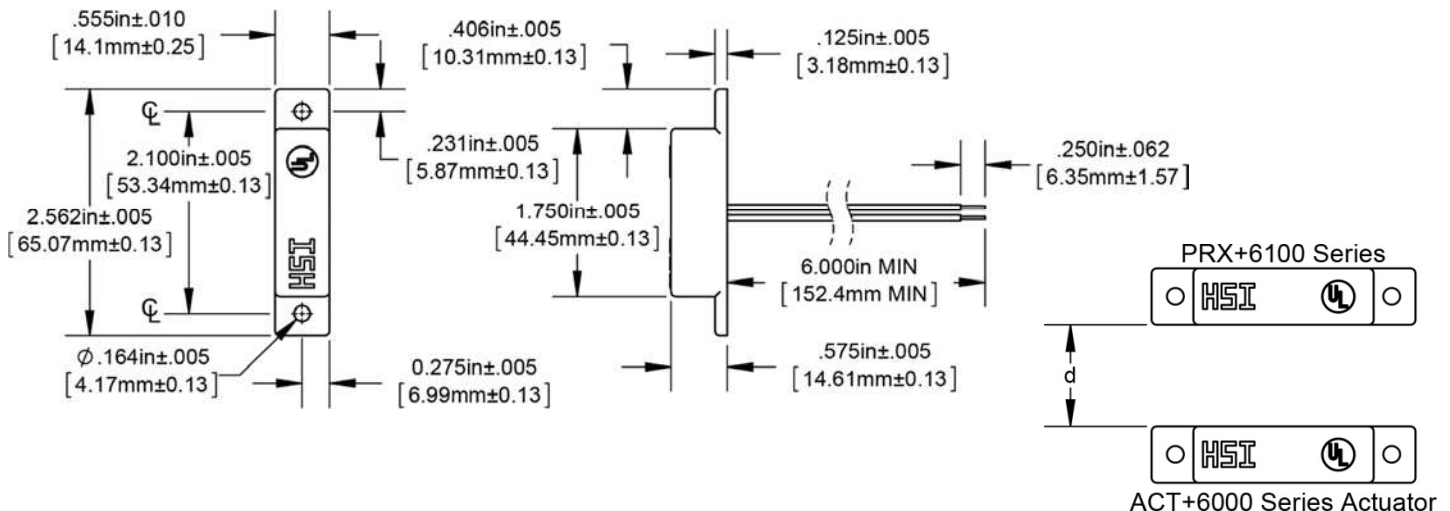
| Features | Advantages |
|---|---|
| <ul style="list-style-type: none"> Hermetically sealed contacts Housing color brown Housing color eggshell, PRX+6102 RoHS compliant | <ul style="list-style-type: none"> Not ESD sensitive Custom sensitivity and configurations available UL Listed |

Electrical Specifications

| | | | |
|-------------|----------------------------|-----------------|------------|
| Power | | Watts - maximum | 3 |
| Voltage | Switching | VDC - maximum | 30 |
| | Breakdown | VDC - minimum | 300 |
| Current | Switching | Amp - maximum | 0.25 |
| | Carry | Amp - maximum | 1.4 |
| Resistance | Initial Contact Resistance | Ohm - maximum | 0.25 |
| | Insulation Resistance | Ohm - minimum | 1 E10 |
| Capacitance | Contact | pF - typical | 0.20 |
| Temperature | Operating | °C - maximum | -40 to +80 |
| | Storage | °C | -40 to +80 |

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 | 0.5 |
| Release Time | | mSeconds - maximum | 0.1 |



Notes:

- Specifications are not constant across entire magnetic range.
- Customer must exercise care in handling and mounting to prevent damage to internal components and subsequent changes to sensor performance.
- For information about performance, custom configuration (i.e. wire length or color; connectors; operational variation), or packaging contact our Sales Department.
- 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.