

Part Number PRX+7100 Contact Form A Switch Configuration SPST Rev. E

Low-Profile Proximity Sensor

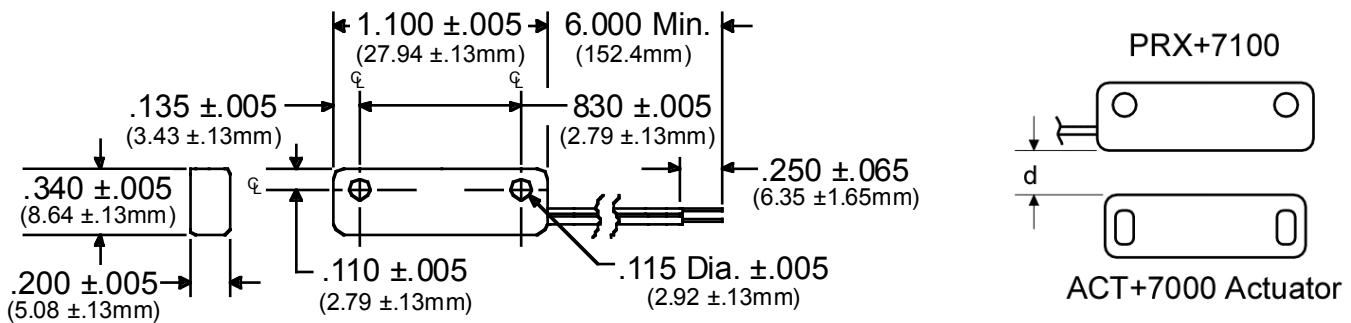
| Features | Advantages |
|--|--|
| <ul style="list-style-type: none"> Hermetically sealed contacts Low profile housing Black ABS housing | <ul style="list-style-type: none"> Extended operations in extreme environments Not ESD sensitive Custom sensitivity and configurations available Housing material flame rating: UL94 |

Electrical Specifications

| | | | |
|-------------|----------------------------|-----------------|-------------|
| Power | | Watts - maximum | 4 |
| Voltage | Switching | VDC - maximum | 30 |
| | Breakdown | VDC - minimum | 300 |
| Current | Switching | Amp - maximum | 0.2 |
| | Carry | Amp - maximum | 1.4 |
| Resistance | Initial Contact Resistance | Ohm - maximum | 0.25 |
| | Insulation Resistance | Ohm - minimum | 1 E10 |
| Capacitance | Contact | pF - typical | 0.2 |
| Temperature | Operating | °C - maximum | +75 |
| | Storage | °C | -40 to +105 |

Physical/Operational Specifications

| | | | |
|---------------------|----------------------|--------------------|-------|
| Housing Volume | Excluding Connection | CC - nominal | 1.2 |
| External Connection | 24 AWG | Zip Cord | PVC |
| Must Operate | Distance (d) | Inches | 0.500 |
| Must Release | Distance (d) | Inches | 1.000 |
| Operate Time | Including Bounce | mSeconds - maximum | 0.5 |
| Release Time | | mSeconds - maximum | 0.1 |



- 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.