

Part Number **PRX+8500** Contact Form **A** Switch Configuration **SPST** Rev. **G**

### Low-Profile Proximity Sensor

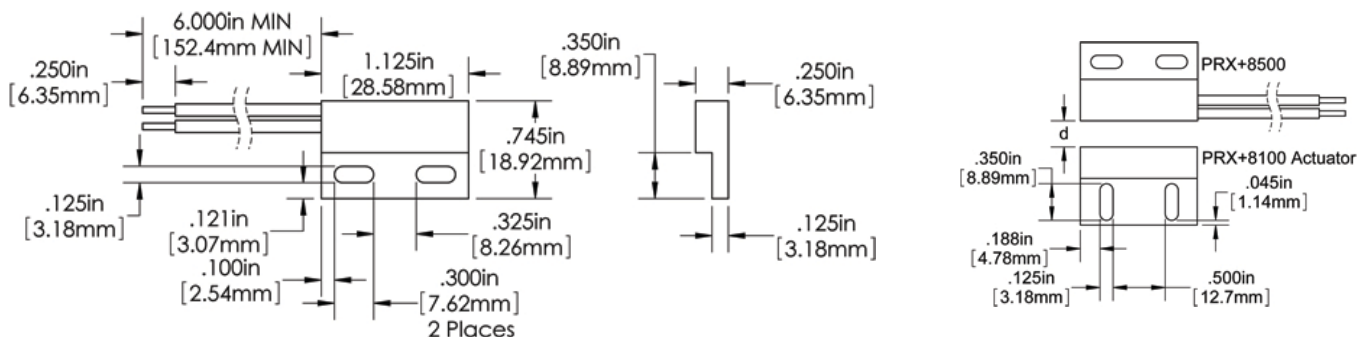
Features	Advantages
<ul style="list-style-type: none"> <li>Hermerically sealed contacts</li> <li>Low profile design</li> <li>Black Valox housing</li> </ul>	<ul style="list-style-type: none"> <li>Extended operations in extreme environments</li> <li>Not ESD sensitive</li> <li>Custom sensitivity and configurations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

### Electrical Specifications

Power		Watts – maximum	250
Voltage	Switching	VAC – maximum	120
	Breakdown	VDC – minimum	AC only
Current	Switching	Amp – maximum	2
	Carry	Amp – maximum	0.5
Resistance	Initial Contact Resistance	Ohm – maximum	N/A
	Insulation Resistance	Ohm – minimum	1 E7
Capacitance	Contact	pF – typical	0.4
Temperature	Operating	°C – maximum	+100
	Storage	°C	-40 to +140

### Physical/Operational Specifications

Housing Volume	Excluding Connection	CC – nominal	3.43
External Connection	22 AWG	UL 1015	PVC
Must Operate	Distance (d)	Inches	0.500
Must Release	Distance (d)	Inches	1.250
Operate Time	Including Bounce	mSeconds – maximum	0.7
Release Time		mSeconds – maximum	0.3



- 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.