

Item Number PRX+9125 Series Contact Form A Switch Configuration SPST Rev. G

### Form A High Power Proximity Sensor

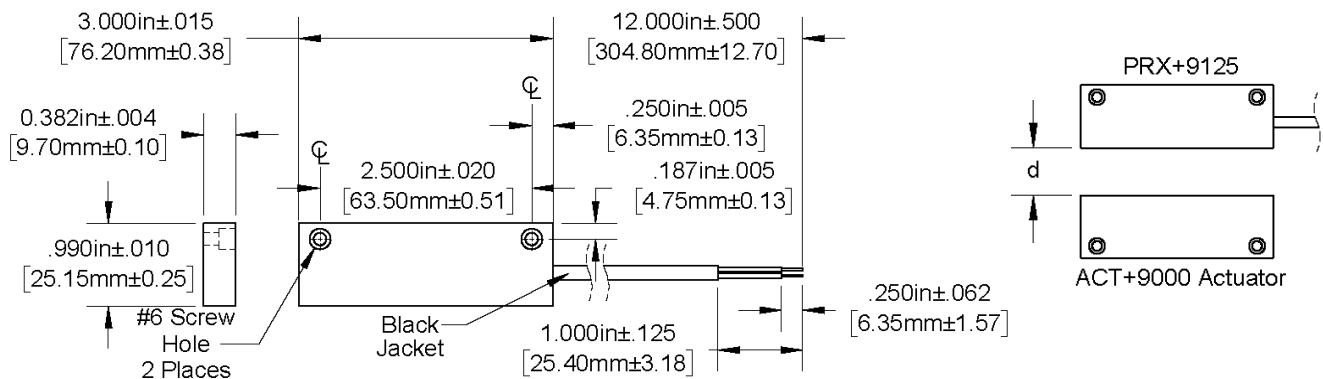
Features	Advantages
<ul style="list-style-type: none"> <li>• Hermetically sealed Tungsten contacts</li> <li>• Jacketed cable</li> <li>• RoHS compliant</li> </ul>	<ul style="list-style-type: none"> <li>• Extended operations in extreme environments</li> <li>• Not ESD sensitive</li> <li>• Custom sensitivity and configurations available</li> <li>• High Power switching capability</li> <li>• UL94 flame rated black ABS housing</li> </ul>

### Electrical Specifications

Power		Watts - maximum	100
Voltage	Switching	VDC - maximum	120
	Breakdown	VDC - minimum	300
Current	Switching	Amp - maximum	3
	Carry	Amp - maximum	4
Resistance	Initial Contact Resistance	Ohm - maximum	0.7
	Insulation Resistance	Ohm - minimum	1 E8
Capacitance	Contact	pF - typical	1.4
Temperature	Operating	°C - maximum	+80
	Storage	°C	-40 to +105

### Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	18.6
External Connection	22 AWG	UL 2464	PVC
Must Operate	Distance (d)	mT - minimum	0.750
Must Release	Distance (d)	mT - minimum	1.500
Operate Time	Including Bounce	mSeconds - maximum	3.2
Release Time		mSeconds - maximum	1.2



### 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 configurations (e.g. 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.