

Item Number PRX+9250 Series Contact Form B Switch Configuration SPST Rev. G

### Form B High Power Proximity Sensor

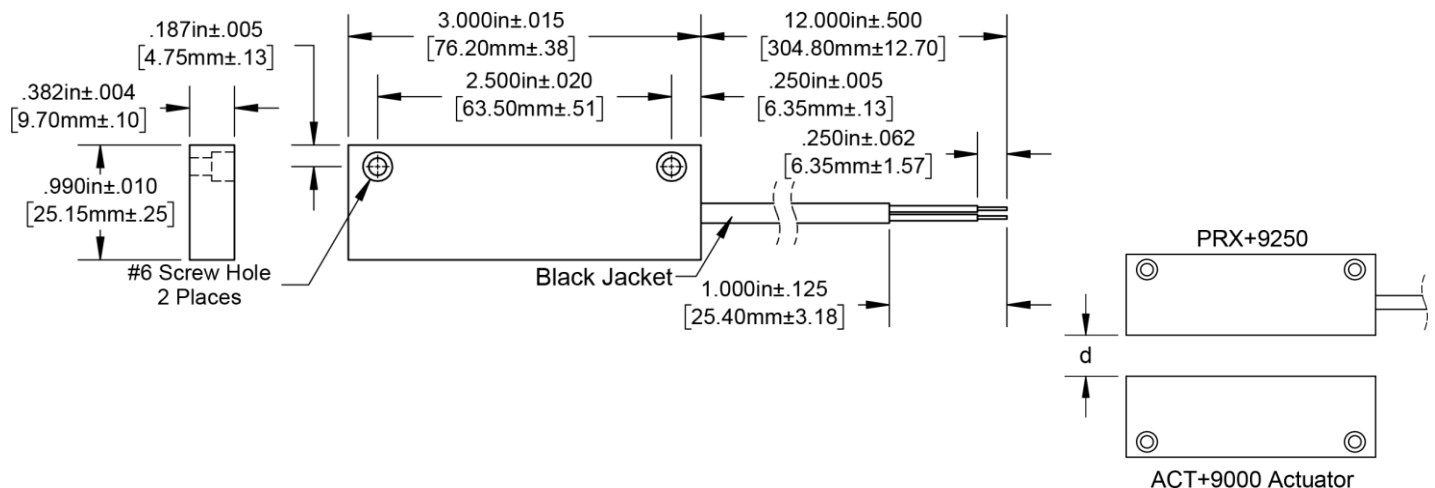
Features	Advantages
<ul style="list-style-type: none"> <li>• Hermetically sealed Tungsten contacts</li> <li>• Jacketed Cable</li> <li>• Materials are Lead free and RoHS compliant</li> <li>• No electrical power required to operate</li> <li>• SPST Normally Closed Contact (Form B)</li> </ul>	<ul style="list-style-type: none"> <li>• High power switching capability</li> <li>• Extended operations in extreme environments</li> <li>• UL94 flame rated black ABS housing</li> <li>• Custom sensitivity and configurations available</li> </ul>

### Electrical Specifications

Power		Watts - maximum	100
Voltage	Switching	VDC - maximum	300
	Breakdown	VDC - minimum	300
Current	Switching	Amp - maximum	3.0
	Carry	Amp - maximum	3.0
Resistance	Initial Contact Resistance	Ohm - maximum	0.7
	Insulation Resistance	Ohm - minimum	1 E10
Capacitance	Contact	pF - typical	3.0
Temperature	Operating	°C - maximum	+80
	Storage	°C	-100 to +105

### Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	18.6
External Connection	22 AWG	UL 2464	PVC
Must Operate	Distance (d)	Inches	0.500
Must Release	Distance (d)	Inches	1.500
Operate Time	Including Bounce	mSeconds - maximum	4.20
Release Time		mSeconds - maximum	3.70



#### Notes:

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