

Part Number PRX+6300 Series Contact Form C Switch Configuration SPDT Rev. H

### Form C Surface-Mount Proximity Sensor

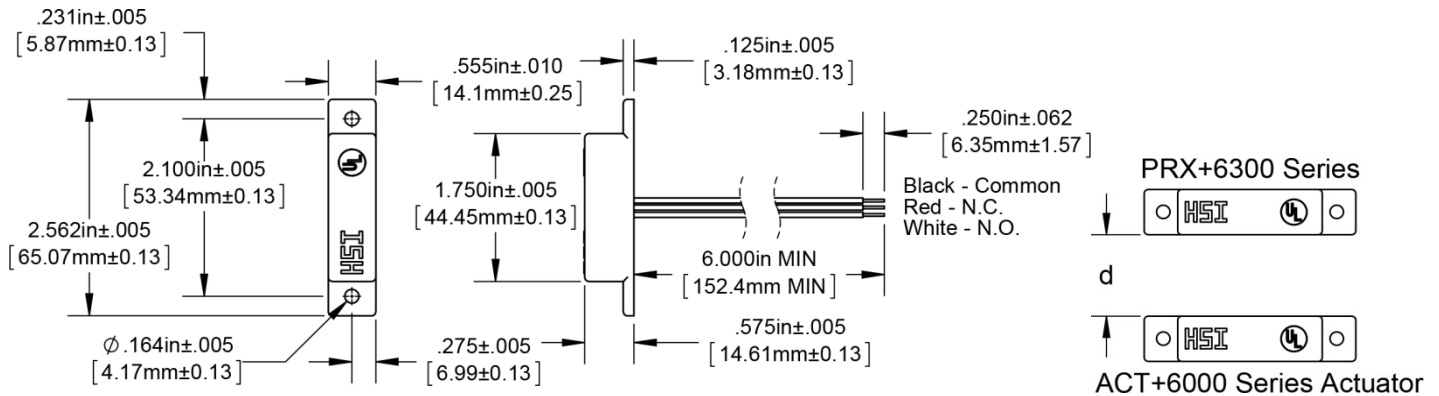
Features	Advantages
<ul style="list-style-type: none"> <li>Hermetically sealed contacts</li> <li>Housing color eggshell</li> <li>Housing color brown, PRX+6302</li> <li>Lead glass currently exempt from RoHS requirements</li> </ul>	<ul style="list-style-type: none"> <li>Not ESD sensitive</li> <li>Custom sensitivity and configurations available</li> <li>UL Listed</li> </ul>

### Electrical Specifications

Power		Watts - maximum	3
Voltage	Switching	VDC - maximum	120
	Breakdown	VDC - minimum	300
Current	Switching	Amp - maximum	0.25
	Carry	Amp - maximum	2.6
Resistance	Initial Contact Resistance	Ohm - maximum	0.25
	Insulation Resistance	Ohm - minimum	1 E9
Capacitance	Contact	pF - typical	1.7
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	1
Release Time		mSeconds - maximum	0.8



#### 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 configurations (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.