

Part Number PRX+5100 Series Contact Form A Switch Configuration SPST Rev. J

Form A Lug-Type Proximity Sensor

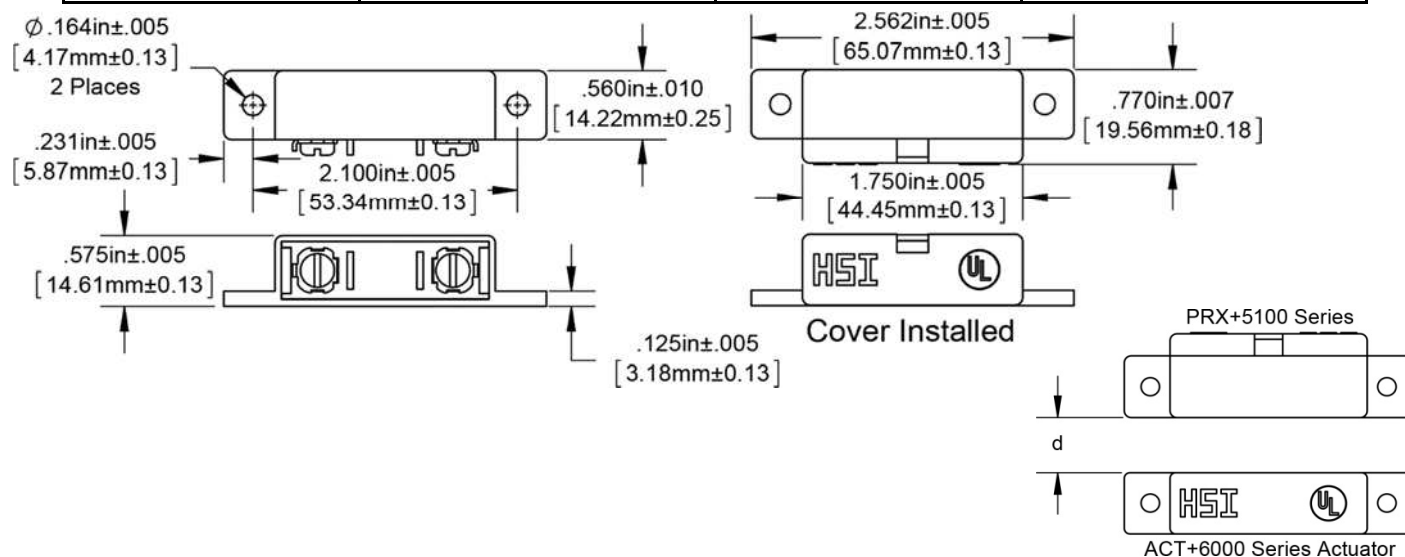
Features	Advantages
<ul style="list-style-type: none"> Hermetically sealed contacts Housing color eggshell Housing color brown, PRX+5102 Housing color gray, PRX+5103 RoHS compliant 	<ul style="list-style-type: none"> Not ESD sensitive Custom sensitivity and configurations available UL Listed

Electrical Specifications

Power		Watts - maximum	3
Voltage	Switching	VDC - maximum	30
	Breakdown	VDC - minimum	300
Current	Switching	Amp - maximum	0.25
	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	-40 to +80
	Storage	°C	-40 to +80

Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	13.6
External Connection		Lug Terminal	Tin
Must Operate	Distance (d)	Inches	1.000
Must Release	Distance (d)	Inches	2.500
Operate Time	Including Bounce	mSeconds - maximum	0.5
Release Time		mSeconds - maximum	0.1



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 configuration (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.