

Item Number PRX+7100 Series Contact Form A Switch Configuration SPST Rev. H

### Form A Low-Profile Proximity Sensor

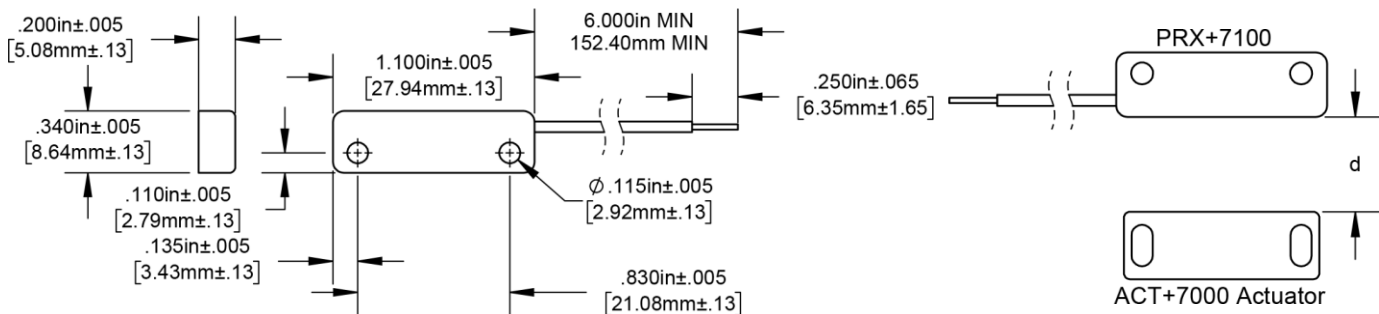
Features	Advantages
<ul style="list-style-type: none"> <li>• Hermetically sealed Rhodium contacts</li> <li>• Materials are Lead free and RoHS compliant</li> <li>• Low profile housing</li> </ul>	<ul style="list-style-type: none"> <li>• Custom sensitivity and configurations available</li> <li>• Not ESD sensitive</li> <li>• UL94 flame rated black ABS housing</li> </ul>

### Electrical Specifications

Power		Watts - maximum	4
Voltage	Switching	VDC - maximum	30
	Breakdown	VDC - minimum	300
Current	Switching	Amp - maximum	0.2
	Carry	Amp - maximum	1.5
Resistance	Initial Contact Resistance	Ohm - maximum	0.25
	Insulation Resistance	Ohm - minimum	1 E10
Capacitance	Contact	pF - typical	0.2
Temperature	Operating	°C - maximum	+75
	Storage	°C	-50 to +105

### Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	1.2
External Connection	24 AWG	Zip Cord	PVC
Must Operate	Distance (d)	Inches	0.500
Must Release	Distance (d)	Inches	1.000
Operate Time	Including Bounce	mSeconds - maximum	0.5
Release Time		mSeconds - maximum	0.1



#### Notes:

- (1) Customer must exercise care in handling and mounting to prevent damage to internal components and subsequent change to sensor performance
- (2) For information about performance, mounting options, custom configurations (e.g. 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. Consult factory for specific application information and/or latest revision.