

Part Number PRX+3800 Contact Form B Switch Configuration SPST Rev. B

### Ultra-Small Form B Cylindrical Proximity Sensor

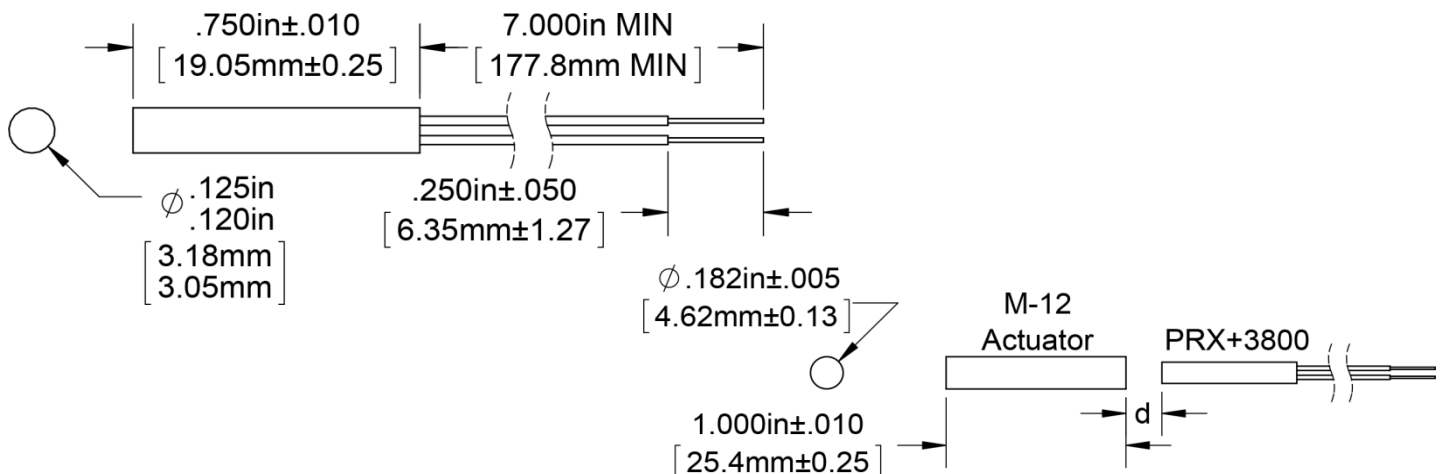
Features	Advantages
<ul style="list-style-type: none"> <li>Hermetically sealed contacts</li> <li>Based upon HSR-502R</li> <li>High temp. black housing material</li> <li>RoHS compliant</li> </ul>	<ul style="list-style-type: none"> <li>Extended operations in extreme environments</li> <li>Not ESD sensitive</li> <li>Custom sensitivity and configurations available</li> <li>Proven reliability with tens of millions of switches in service</li> </ul>

### Electrical Specifications

Power		Watts - maximum	2
Voltage	Switching	VDC - maximum	30
	Breakdown	VDC - minimum	175
Current	Switching	Amp - maximum	0.1
	Carry	Amp - maximum	1.2
Resistance	Initial Contact Resistance	Ohm - maximum	0.50
	Insulation Resistance	Ohm - minimum	1 E10
Capacitance	Contact	pF - typical	1.4
Temperature	Operating	°C - maximum	+105
	Storage	°C	-40 to +105

### Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	0.151
External Connection	30 AWG	UL 1371	Teflon
Must Operate	Distance	Inches	0.250
Must Release	Distance	Inches	0.500
Operate Time	Including Bounce	mSeconds - maximum	0.3
Release Time		mSeconds - maximum	0.3



#### 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.