

Part Number **PRX+4800** Contact Form **A** Switch Configuration **SPST** Rev. **E**

### Low-Profile Ferrous Metal Sensor

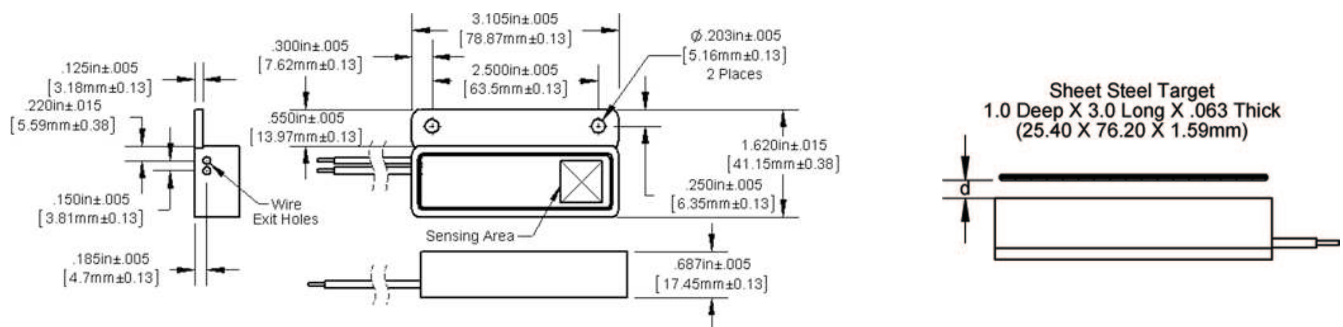
Features	Advantages
<ul style="list-style-type: none"> <li>Hermetically sealed contacts</li> <li>Tungsten contacts</li> <li>Zinc Plated Leachant Seal Steel housing</li> <li>Non Physical contact activation</li> <li>* Switching Voltage up to 200 Volts</li> </ul>	<ul style="list-style-type: none"> <li>Extended operations in extreme environments</li> <li>Not ESD sensitive</li> <li>Custom sensitivity and configurations available</li> <li>Component suitable for use in engine compartments in surface vehicle electrical systems of automobiles, boats, buses, RV's and trucks.</li> <li>Can be mounted on ferrous metal</li> </ul>

### Electrical Specifications

Power		Watts - maximum	200
Voltage	Switching	*VDC - maximum	50
	Breakdown	*VDC - minimum	50
Current	Switching	Amp - maximum	3
	Carry	Amp - maximum	5
Resistance	Initial Contact Resistance	Ohm - maximum	1
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	1.1
Temperature	Operating	°C - maximum	+125
	Storage	°C	-40 to +200

### Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	40.8
External Connection	16 AWG	SAE J1128 Type GXL	XLPE
Must Operate	Distance (d)	Inches	.375
Must Release	Distance (d)	Inches	0.750
Operate Time	Including Bounce	mSeconds - maximum	3
Release Time		mSeconds - maximum	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.