

## Steel Sensing

Part# PRX+	<a href="#">4100</a>	<a href="#">4400</a>	<a href="#">4800</a>
<b>CONTACT FORM</b>	FORM A	FORM A	FORM A
	SPST-NO	SPST	SPST
<b>SWITCHING RATING</b>			
<b>VOLTS DC MAX</b>	120	120	120
<b>AMPS DC MAX</b>	0.25	0.25	3.0
<b>WATTS DC MAX</b>	10	10	200
<b>VOLTAGE HOLDOFF (DC) MIN.</b>	200	200	250
<b>INITIAL RESISTANCE (OHMS)</b>	.15	.25	.50
<b>OPERATING TEMP RANGE (°C)</b>	-20 +100	-20 +100	-20 +100
<b>D-MUST OPERATE (INCH)</b>	0.250	0.190	0.375
<b>D-MUST RELEASE (INCH)</b>	0.310	0.400	0.750
<b>WIRE COLOR/AWG</b>	BLK/20	BLK/16	BLK/16

<b>STEEL TARGET (3.000"x 1.000"x.062")</b>	YES	YES	YES
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<b>ACTUATOR PART NO.</b>	STEEL TARGET	STEEL TARGET	STEEL TARGET
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**NOTES:**

Part Number **PRX+4400** Contact Form A Switch Configuration SPST Rev. D

**Low-Profile Ferrrous Metal Sensor**

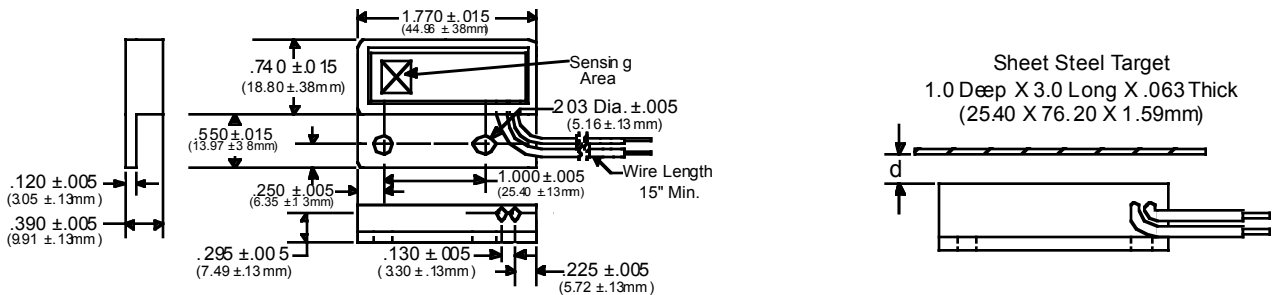
Features	Advantages
<ul style="list-style-type: none"> <li>Hermetically sealed contacts</li> <li>Zinc Plated Leachant Seal Steel Housing.</li> <li>Non Physical Contact Activation</li> <li>Activated by common steel bolts, brackets, arms</li> </ul>	<ul style="list-style-type: none"> <li>Extended operations 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> </ul>

**Electrical Specifications**

Power		Watts - maximum	10
Voltage	Switching	VDC - maximum	50
	Breakdown	VDC - minimum	50
Current	Switching	Amp - maximum	0.25
	Carry	Amp - maximum	TBD
Resistance	Initial Contact Resistance	Ohm - maximum	1
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	0.8
Temperature	Operating	°C - maximum	+125
	Storage	°C	-40 to +200

**Physical/Operational Specifications**

Housing Volume	Excluding Connection	CC - nominal	10.3
External Connection	16 AWG	SAE J1128 Type GXL	XLPE
Must Operate	Distance (d)	Inches minimum	.190
Must Release	Distance (d)	Inches maximum	.400
Operate Time	Including Bounce	mSeconds - maximum	1.00
Release Time	Including Bounce	mSeconds - maximum	0.30



- 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.

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**Low-Profile Ferrrous Metal Sensor**

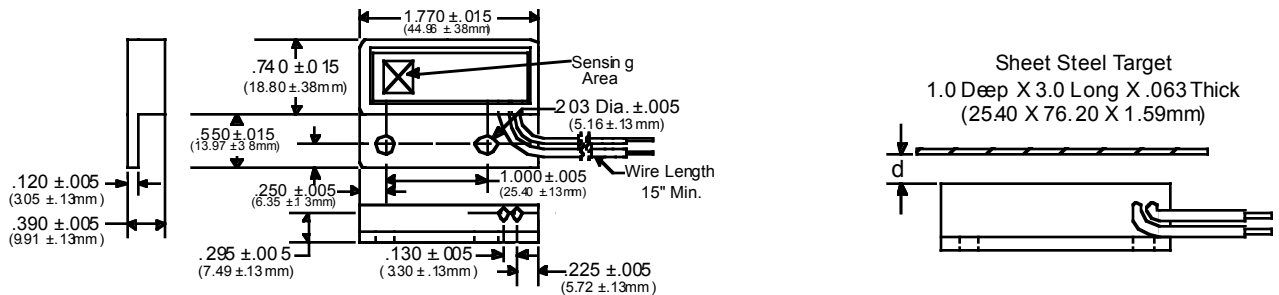
Features	Advantages
	<ul style="list-style-type: none"> <li>• Can be mounted on ferrous metal</li> <li>• Additional housing option available</li> </ul>

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