

Item Number PRX+4800 Series Contact Form A Switch Configuration SPST Rev. H

Form A Low-Profile Ferrous Metal Proximity Sensor

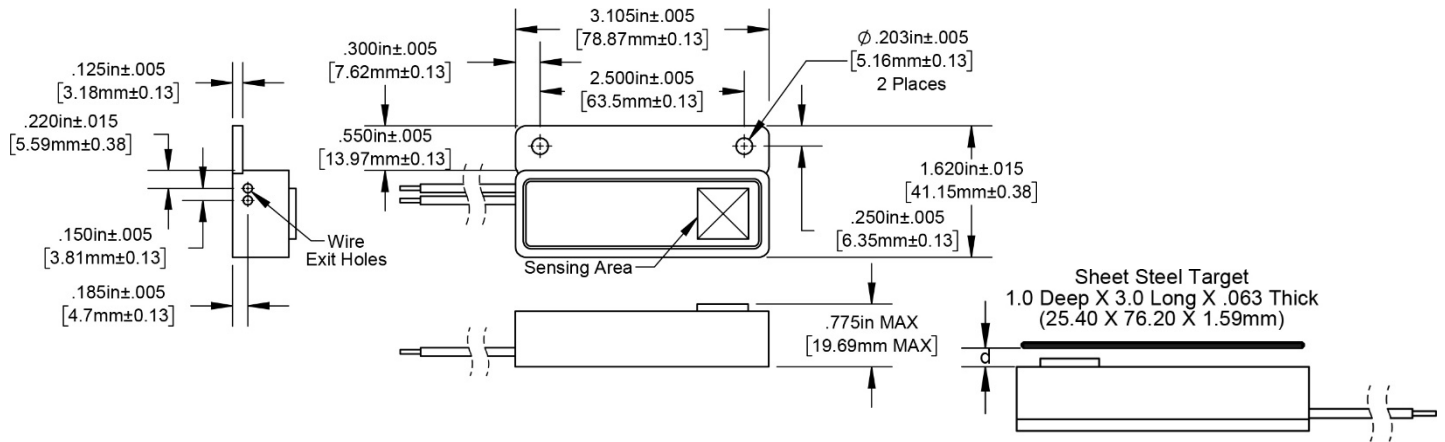
Features	Advantages
<ul style="list-style-type: none"> Hermetically sealed Tungsten contacts Zinc Plated Leachant Seal Steel Housing Materials are Lead free and RoHS compliant 	<ul style="list-style-type: none"> Extended operations in extreme environments Not ESD sensitive Component suitable for use within engine compartments of surface vehicle electrical systems for automobiles, boats, buses, RV's and trucks. Can be mounted on ferrous metal

Electrical Specifications

Power		Watts - maximum	200
Voltage	Switching	VDC - maximum	50
	Breakdown	VDC - minimum	50
Current	Switching	Amp - maximum	3.0
	Carry	Amp - maximum	5.0
Resistance	Initial Contact Resistance	Ohm - maximum	1.0
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	1.1
Temperature	Operating	°C - maximum	+125
	Storage	°C	-40 to +125

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	.750
Operate Time	Including Bounce	mSeconds - maximum	3.00
Release Time		mSeconds - maximum	1.00



Notes:

- (1) Specifications are not constant across entire magnetic range.
- (2) Customer must exercise care in handling and mounting to prevent damage to internal components and subsequent changes to sensor performance.
- (3) For information about performance, mounting options, custom configurations (e.g. wire length or color, connectors, operational variation) or packaging contact our Sales department.
- (4) 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.