

Item Number PRX+8500 Series Contact Form A Switch Configuration SPST Rev. L

Form A Low-Profile Proximity Sensor

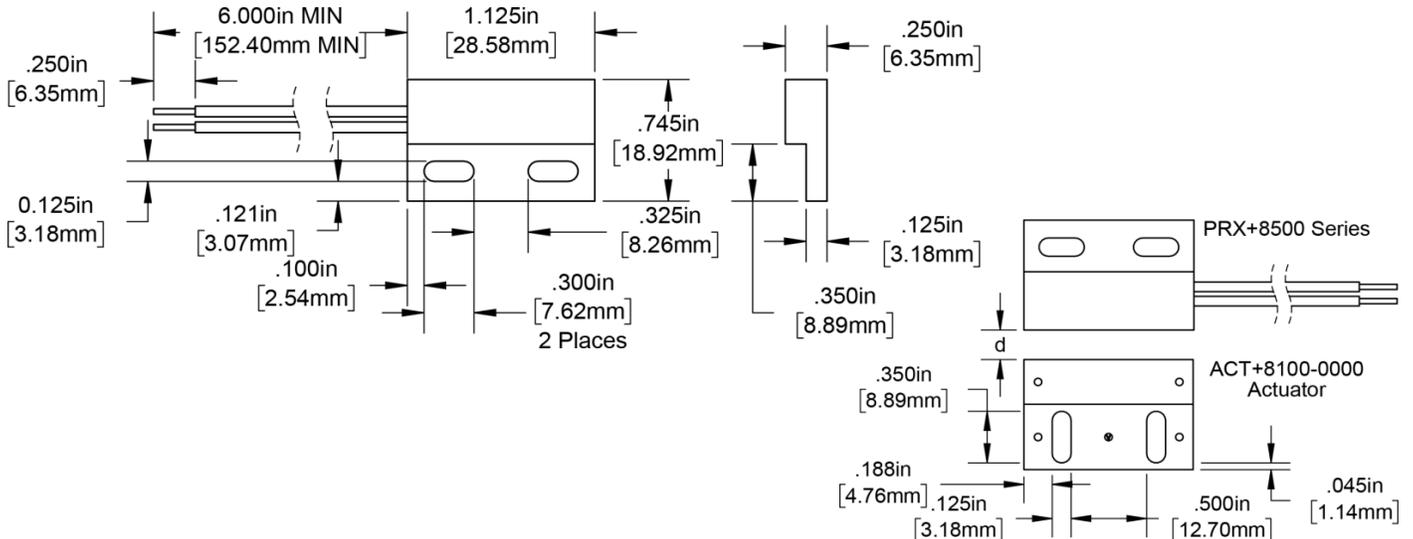
Features	Advantages
<ul style="list-style-type: none"> • Internal triac for AC loads only • No electrical power required to operate • Form B version available (PRX+8510 series) • Materials are Lead free and RoHS compliant 	<ul style="list-style-type: none"> • Custom sensitivity and configurations available • UL94 flame rated black Valox housing • Extended operations in extreme environments • Not ESD sensitive

Electrical Specifications

Power		VA - maximum	250
Voltage	Switching	VAC - maximum	120
	Breakdown	VAC - minimum	N/A
Current	Switching	Amp - maximum	2.0
	Carry	Amp - maximum	4.0
Resistance	Initial Contact Resistance	Ohm - maximum	N/A
	Insulation Resistance	Ohm - minimum	1 E7
Capacitance	Contact	pF - typical	0.4
Temperature	Operating	°C - maximum	+100
	Storage	°C	-40 to +140

Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	3.43
External Connection	22 AWG	UL 1015	PVC
Must Operate	Distance (d)	Inches	.500
Must Release	Distance (d)	inches	1.250
Operate Time	Including Bounce	mSeconds - maximum	0.70
Release Time		mSeconds - maximum	0.30



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 information and/or latest revision.