

Part Number PRX+8510 Contact Form B Switch Configuration SPST Rev. F

Low-Profile Proximity Sensor

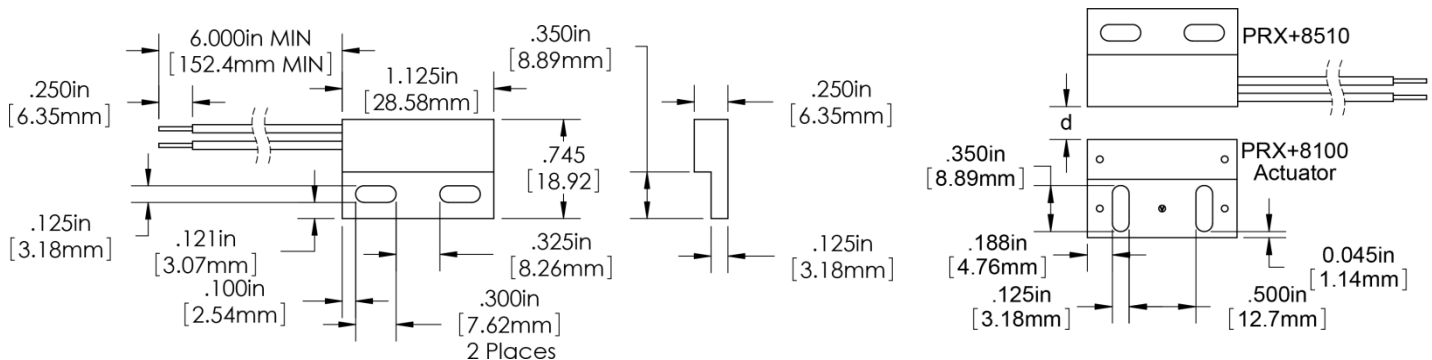
Features	Advantages
<ul style="list-style-type: none"> • Hermetically sealed contacts • Low profile design • Black Valox housing • Lead glass currently exempt from RoHS requirements 	<ul style="list-style-type: none"> • Extended operations in extreme environments • Not ESD sensitive • Custom sensitivity and configurations available • Housing material flame rating: UL94

Electrical Specifications

Power		Watts - maximum	250
Voltage	Switching	VAC - maximum	120
	Breakdown	VDC - minimum	AC only
Current	Switching	Amp - maximum	2
	Carry	Amp - maximum	0.5
Resistance	Initial Contact Resistance	Ohm - maximum	N/A
	Insulation Resistance	Ohm - minimum	1 E7
Capacitance	Contact	pF - typical	0.8
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	0.500
Must Release	Distance (d)	Inches	1.250
Operate Time	Including Bounce	mSeconds - maximum	1.3
Release Time		mSeconds - maximum	0.6



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, custom configuration (i.e. 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.