

Part Number PRX+8200 Contact Form A Switch Configuration SPST Rev. J

Low-Profile Proximity Sensor

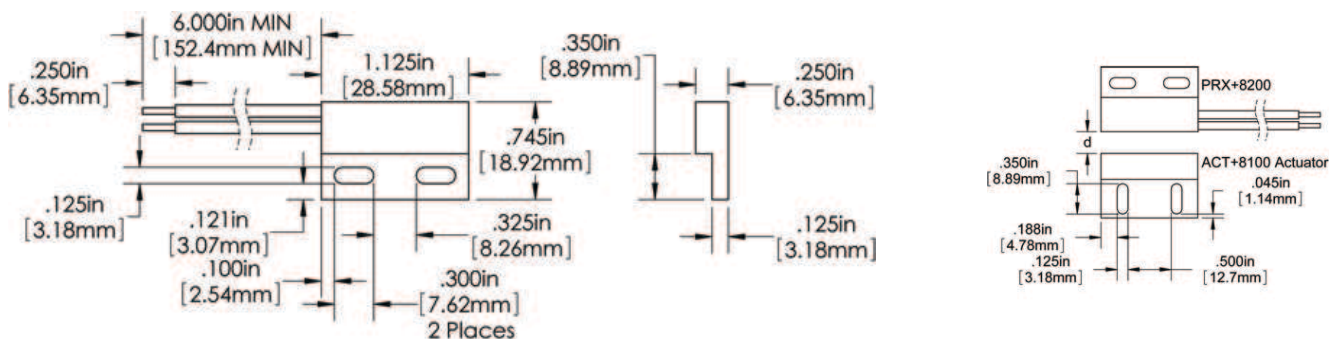
Features	Advantages
<ul style="list-style-type: none"> • Hermetically sealed contacts • Low profile design • AC Rating: 120 VAC • Black Valox housing 	<ul style="list-style-type: none"> • Extended operations in extreme environments • Not ESD sensitive • Custom sensitivity and configurations available • Non-obtrusive appearance • Housing material flame rating: UL94 • UL recognized component.

Electrical Specifications

Power		Watts – maximum	10
Voltage	Switching	VDC – maximum	200
	Breakdown	VDC – minimum	400
Current	Switching	Amp – maximum	0.5
	Carry	Amp – maximum	TBD
Resistance	Initial Contact Resistance	Ohm – maximum	0.25
	Insulation Resistance	Ohm – minimum	1 E11
Capacitance	Contact	pF – typical	0.3
Temperature	Operating	°C – maximum	+105
	Storage	°C	-40 to +140

Physical/Operational Specifications

Housing Volume	Excluding Connection	CC – nominal	3.43
External Connection	22 AWG	UL 1569	PVC
Must Operate	Distance (d)	Inches	0.500
Must Release	Distance (d)	Inches	1.000
Operate Time	Including Bounce	mSeconds – maximum	0.6
Release Time		mSeconds – maximum	0.3



- 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.