

Part Number PRX+8300 Contact Form C Switch Configuration SPDT Rev. E

Low-Profile Proximity Sensor

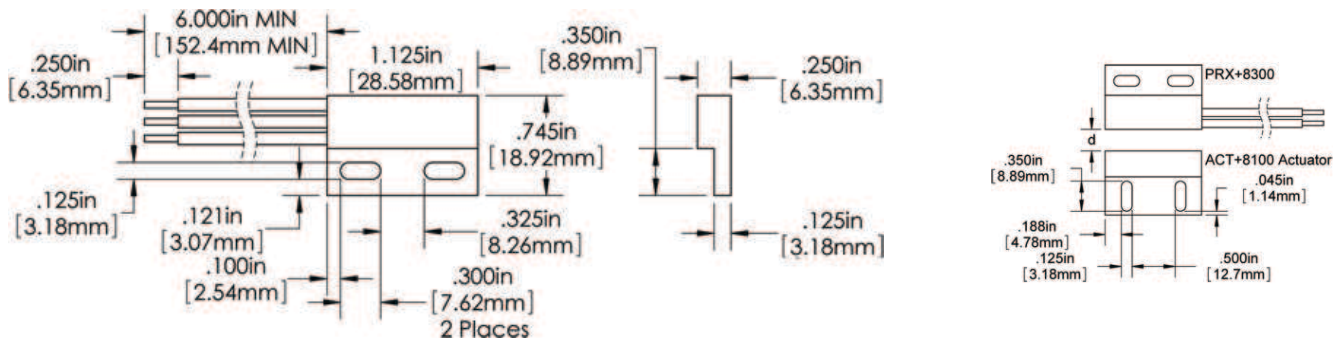
Features	Advantages
<ul style="list-style-type: none"> Hermetically sealed contacts Low profile design Black Valox housing 	<ul style="list-style-type: none"> Extended operations in extreme environments Not ESD sensitive Custom sensitivity and configurations available Non-obtrusive appearance Housing material flame rating: UL94 UL recognized component. Temp. rating per UL. Consult factory for extreme temp. operation.

Electrical Specifications

Power		Watts – maximum	3
Voltage	Switching	VDC – maximum	120
	Breakdown	VDC – minimum	400
Current	Switching	Amp – maximum	0.25
	Carry	Amp – maximum	2.6
Resistance	Initial Contact Resistance	Ohm – maximum	0.25
	Insulation Resistance	Ohm – minimum	1 E9
Capacitance	Contact	pF – typical	1.7
Temperature	Operating	°C – maximum	+60
	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	1.000
Operate Time	Including Bounce	mSeconds – maximum	1
Release Time		mSeconds – maximum	0.8



- 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.