

Item Number PRX+8300 Series Contact Form C Switch Configuration SPDT Rev. J

Form C Low-Profile Proximity Sensor

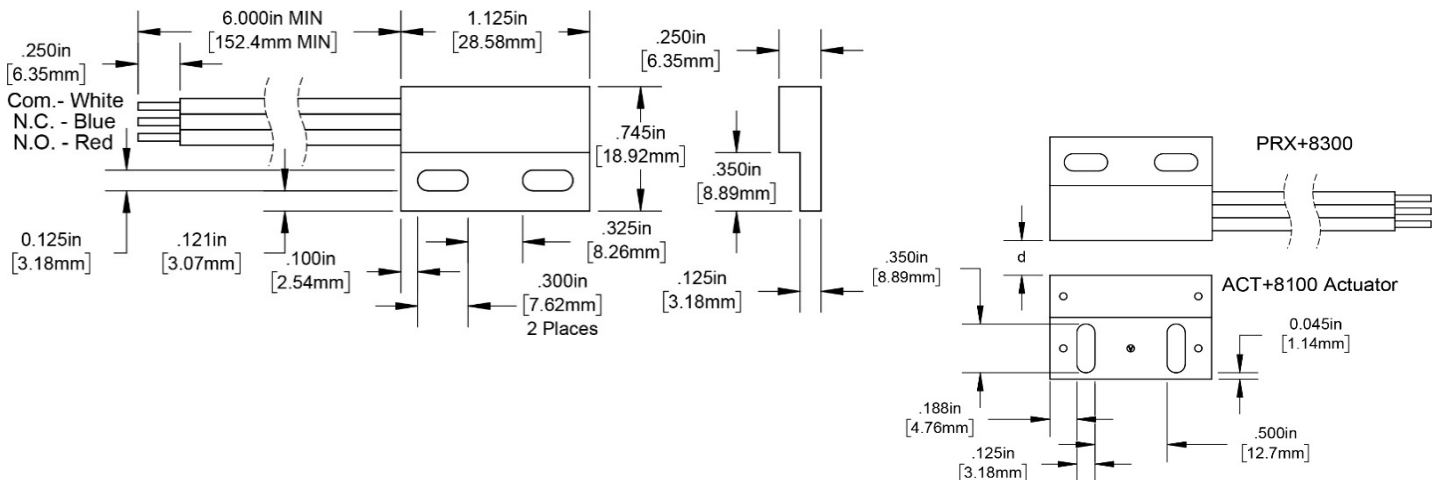
Features	Advantages
<ul style="list-style-type: none"> • Hermetically sealed Rhodium contacts • Low profile housing • UL recognized component 	<ul style="list-style-type: none"> • Custom sensitivity and configurations available • UL94 flame rated black Valox housing • Not ESD sensitive

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	-40 to +105
	Storage	°C	-40 to +140
	UL Listed Rating	°C	+40

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	1.00
Release Time		mSeconds - maximum	0.80



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.