

Item Number PRX+8290 Series Contact Form A Switch Configuration SPST Rev. H

Form A Low-Profile Proximity Sensor

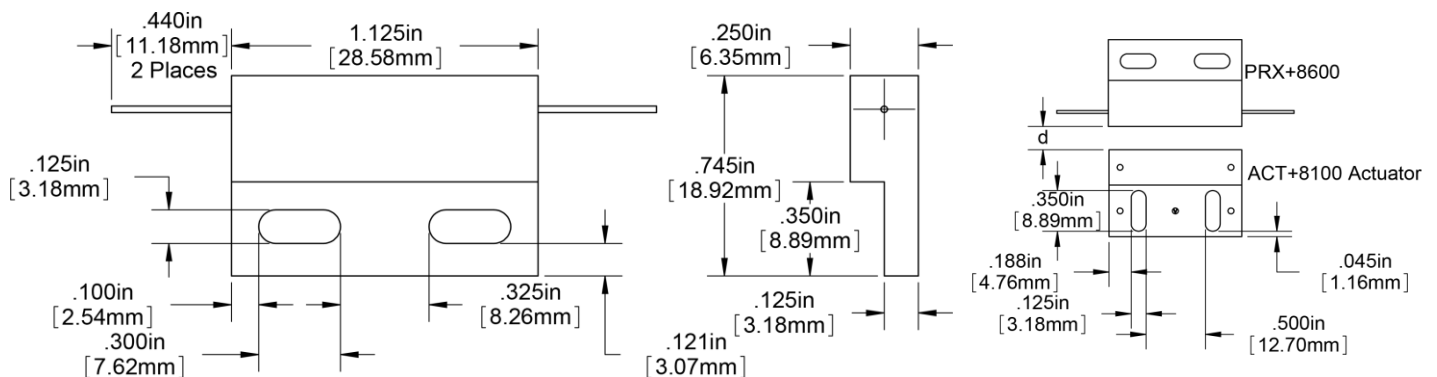
Features	Advantages
<ul style="list-style-type: none"> • Hermetically sealed Rhodium contacts • Low profile housing • Materials are Lead free and RoHS compliant • No electrical power required to operate 	<ul style="list-style-type: none"> • Extended operations in extreme environments • Not ESD sensitive • Custom sensitivity and configurations available • UL94 flame rated black Valox housing

Electrical Specifications

Power		Watts - maximum	10
Voltage	Switching	VDC - maximum	200
	Breakdown	VDC - minimum	300
Current	Switching	Amp - maximum	0.5
	Carry	Amp - maximum	1.8
Resistance	Initial Contact Resistance	Ohm - maximum	0.25
	Insulation Resistance	Ohm - minimum	1 E10
Capacitance	Contact	pF - typical	0.5
Temperature	Operating	°C - maximum	+125
	Storage	°C	-40 to +140

Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	3.43
External Connection		Leads	Tin
Must Operate	Distance (d)	Inches	0.500
Must Release	Distance (d)	Inches	1.500
Operate Time	Including Bounce	mSeconds-maximum	0.80
Release Time		mSeconds-maximum	0.40



Notes:

- (1) Customer must exercise care in handling and mounting to prevent damage to internal components and subsequent changes to sensor performance.
- (2) For information about performance, custom configurations (i.e. wire length or color, connectors, operational variation) or packaging contact our Sales department.
- (3) 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.