HSI SENSING
HERMETIC SWITCH INC.

Phone: (405) 224-4046 Fax: (405) 224-9423
Email: Info@HSISensing.com Web: www.hsisensing.com
Address: 3100 Norge Road, Chickasha, OK 73018

Item Number **PRX+1900 Series** Contact Form C Switch Configuration SPDT Rev. G

Form C Cylindrical Proximity Sensor

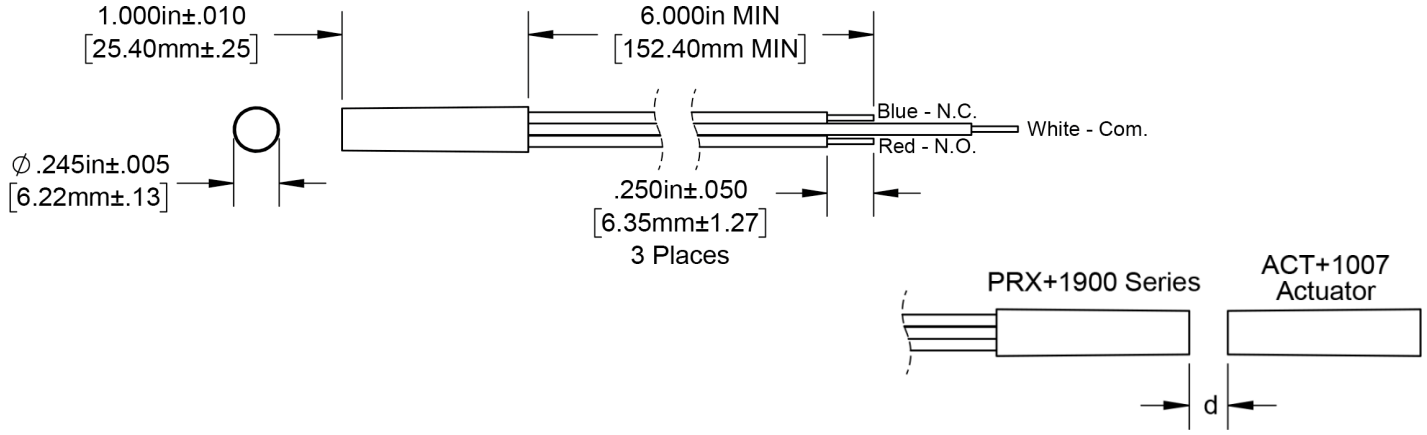
Features	Advantages
• Hermetically sealed Rhodium contacts • Materials are Lead free and RoHS compliant • Designed for 1/4" diameter hole • UL recognized component	• Extended operations in extreme environments • Not ESD sensitive • Custom sensitivity and configurations available • UL94 flame rated black Valox housing

Electrical Specifications

Power		Watts - maximum	3
Voltage	Switching	VDC - maximum	120
	Breakdown	VDC - minimum	300
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	+105
	Storage	°C	-40 to +140

Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	0.77
External Connection	22AWG	UL 1007/1569	PVC
Must Operate	Distance (d)	Inches	0.200
Must Release	Distance (d)	Inches	0.550
Operate Time	Including Bounce	mSeconds - maximum	1.00
Release Time		mSeconds - maximum	0.80



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.