HSI SENSING
HERMETIC SWITCH INC.

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Part Number **PRX+1200 Series** Contact Form B Switch Configuration SPST Rev. H

Form B Press-Fit Tubular Proximity Sensor

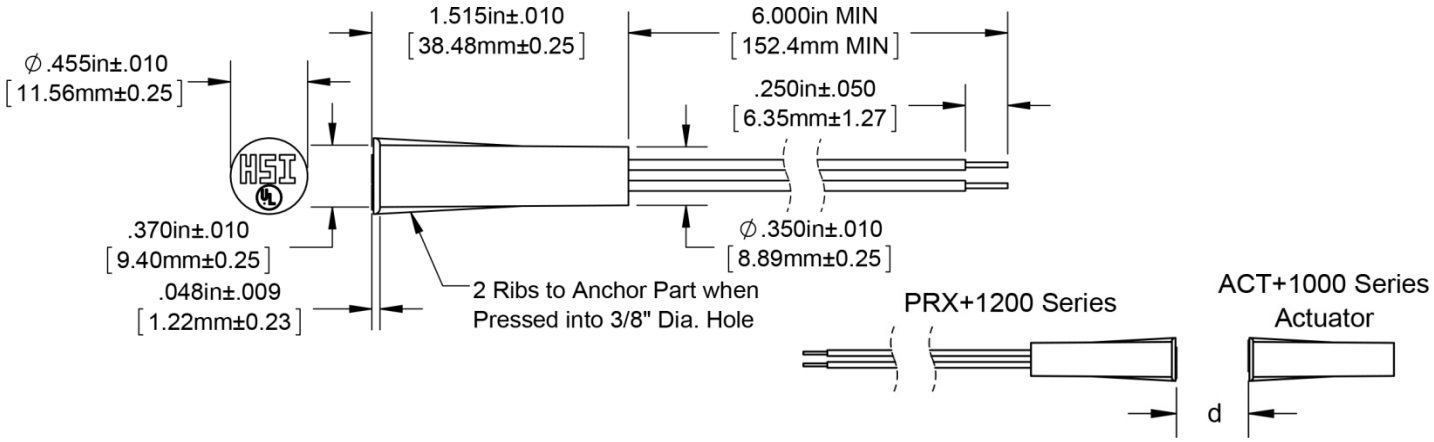
Features	Advantages
• Hermetically sealed contacts • Housing color eggshell • Housing color brown, PRX+1202 • Housing color brown, PRX+1202	• Not ESD sensitive • Custom sensitivity and configurations available • Fast installation • UL Listed

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	-40 to +80
	Storage	°C	-40 to +80

Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	4
External Connection	22 AWG	UL 1007	PVC
Must Operate	Distance (d)	Inches	0.750
Must Release	Distance (d)	Inches	1.750
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 configurations (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.