

Part Number PRX+1500 Contact Form A Switch Configuration SPST Rev. E

Ultra-Small Cylindrical Proximity Sensor

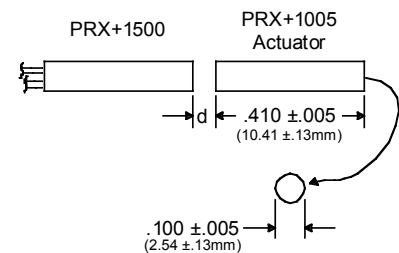
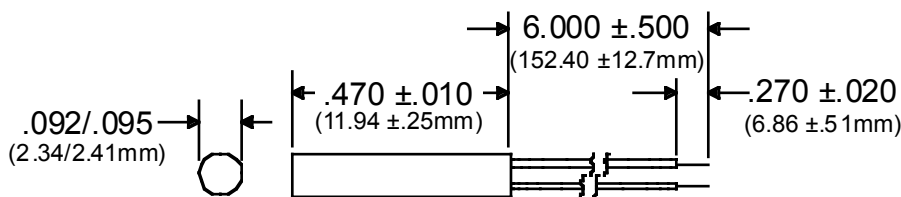
Features	Advantages
<ul style="list-style-type: none"> Hermetically sealed contacts Based upon the HSR-0035. High temp black housing material 	<ul style="list-style-type: none"> Extended operations in extreme environments Not ESD sensitive Custom sensitivity and configurations available Proven reliability with tens of millions switches in service. Hi-rel version available with special processing for critical applications.

Electrical Specifications

Power		Watts - maximum	1
Voltage	Switching	VDC - maximum	30
	Breakdown	VDC - minimum	200
Current	Switching	Amp - maximum	0.05
	Carry	Amp - maximum	1
Resistance	Initial Contact Resistance	Ohm - maximum	1
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	0.3
Temperature	Operating	°C - maximum	+125
	Storage	°C	-40 to +200

Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	0.05
External Connection	28 AWG	MIL-W-16878/6	Teflon
Must Operate	Distance (d)	Inches	.125
Must Release	Distance (d)	Inches	.400
Operate Time	Including Bounce	mSeconds - maximum	0.2
Release Time		mSeconds - maximum	0.1



- 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.