

Item Number PRX+1765 Series Contact Form A Switch Configuration SPST Rev. B

### Form A Extreme Temperature Proximity Sensor

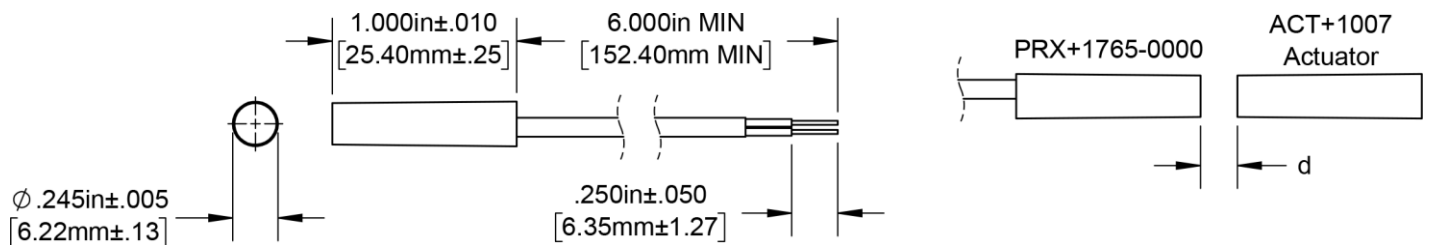
Features	Advantages
<ul style="list-style-type: none"> <li>Engineered for use at extreme temperatures</li> <li>Designed for 1/4" diameter hole</li> <li>Hermetically sealed Rhodium contacts</li> <li>Materials are Lead free and RoHS compliant</li> </ul>	<ul style="list-style-type: none"> <li>Extended operations in extreme environments</li> <li>Custom sensitivity and configurations available</li> <li>UL94 flame rated black Valox housing</li> <li>Cable flame rating: NFPA 262/FT6</li> </ul>

### Electrical Specifications

Power		Watts - maximum	10
Voltage	Switching	VDC - maximum	100
	Breakdown	VDC - minimum	300
Current	Switching	Amp - maximum	0.25
	Carry	Amp - maximum	1.5
Resistance	Initial Contact Resistance	Ohm - maximum	0.25
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	0.6
Temperature	Operating	°C - maximum	-60 to 200
	Storage	°C	-60 to 200

### Physical/Operational Specifications

Housing Volume	Excluding Connection	CC- nominal	0.77
External Connection	22 AWG	CL2P/CMP	FEP
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	0.30



#### Notes:

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