

Part Number PRX+13540(M)-XXXX Contact Form Latcher Switch Configuration SPDT Rev. C

### SPDT Leverless Limit Switch

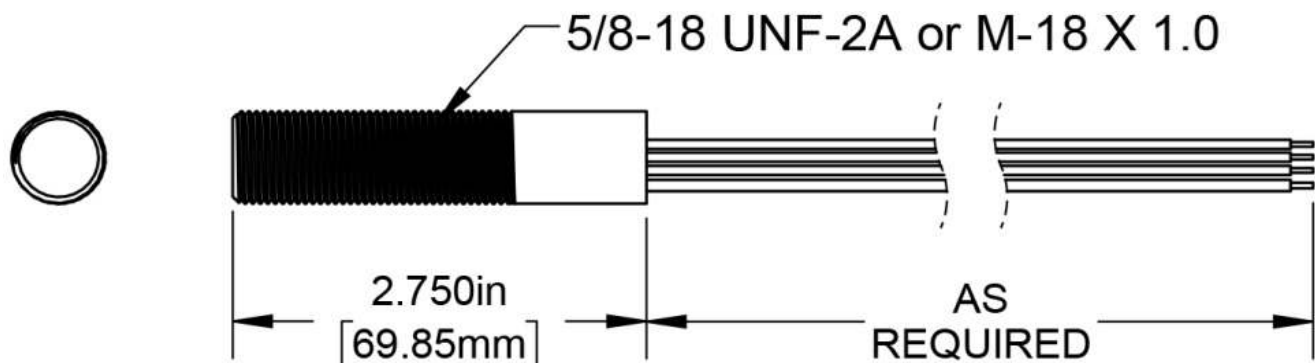
Features	Advantages
<ul style="list-style-type: none"> <li>• No-touch sensing</li> <li>• 300 series stainless steel housing</li> <li>• No electrical power required to operate</li> <li>• Magnetically balanced with latching capability</li> <li>• .2A/130VAC, .1A/230VAC, 1A/24VDC</li> </ul>	<ul style="list-style-type: none"> <li>• No moving magnets or parts for intense reliability</li> <li>• Not ESD sensitive</li> </ul>

### Electrical Specifications

Power		Watts - maximum	25
Voltage	Switching	VDC - maximum	150
	Breakdown	VDC - minimum	250
Current	Switching	Amp - maximum	1
	Carry	Amp - maximum	5.4
Resistance	Initial Contact Resistance	Ohm - maximum	0.1
	Insulation Resistance	Ohm - minimum	1 E9
Capacitance	Contact	pF - typical	3.5
Temperature	Operating	°C - maximum	-50 to +105
	Storage	°C	-50 to +105

### Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	0.73
External Connection	18, 20, or 22 AWG	UL1180	Extruded TFE Leads
Must Operate	Distance	Inches	0.400*
Must Release			N/A
Operate Time	Including Bounce	mSeconds - maximum	N/A
Release Time		mSeconds - maximum	N/A



### Certifications

UL 1203, Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for use in Hazardous (Classified) Locations  
 UL 508 and C22.2 No. 14-13, Industrial Control Equipment  
 C22.2 No. 25-1966, Enclosures for use in Class II, Groups E, F, and G Hazardous Locations  
 C22.2 No. 30-M1986, Explosion-Proof Enclosures for use in Class I Hazardous Locations  
 IECEX  
 ATEX Directive 2014/34/EU  
 Low Voltage Directive 2014/35/EU  
 RoHS2 Directive 2011/65/EU





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

Part Number PRX+13540(M)-XXXX Contact Form Latcher Switch Configuration SPDT Rev. C

Model Number	Wiring Options
<b>PRX+13540</b> 5/8" x 3 5/8" - 1/2 NPT conduit	<b>Lead Wires</b> - 18 Guage <b>L036 = 36"</b> <b>L072 = 72"</b> <b>L144 = 144"</b>
<b>PRX+13540M</b> 18M x 92mm - 1/2" NPT conduit	<b>L ___ Custom Length enter in inches</b>

Example Part Number  
**PRX+13540-L036**

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 configuration (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.
- (\*) Operate Point determined using 1/2" Dia. X 3/8" thick disc made of NeFe3, Grade 42.