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# ISO 9001 Registered

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Part Number	PRX+11700	Contact Form _	Α	Switch Configuration _	SPST	Rev.	Α
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### **Ferrous Metal Sensor**

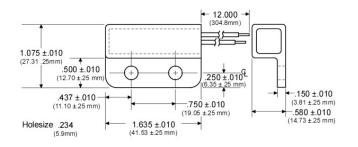
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Features	Advantages				
Hermetically sealed contacts	Extended operations in extreme environments				
Black ABS housing	Not ESD sensitive				
Extra strong mounting flange	Patented sensing design				
<ul> <li>PRX+11500 &amp; PRX+11900 offer alternate sensing positions</li> </ul>					

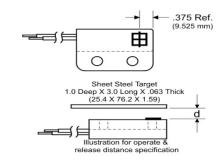
#### **Electrical Specifications**

Power		Watts - maximum	10
Voltage	Switching	VDC - maximum	100
	Breakdown	VDC - minimum	200
Current	Switching	Amp - maximum	0.25
	Carry	Amp - maximum	TBD
Resistance	Initial Contact Resistance	Ohm - maximum	1
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	0.8
Temperature	Operating	°C - maximum	+80
	Storage	°C	-40 to +105

## **Physical/Operational Specifications**

Housing Volume	Excluding Connection	CC - nominal	16.7			
External Connection	16AWG	SAE J1128	Polyethylene			
Must Operate	Distance (d)	Inches	.150			
Must Release	Distance (d)	Inches	.300			
Operate Time	Including Bounce	mSeconds - maximum	1.00			
Release Time	Including Bounce	mSeconds - maximum	0.30			





#### Notes:

- (1) Specifications are not constant across entire magnetic range.
- Customer must exercise care in handling and mounting to prevent damage to internal components and subsequent changes to (2)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.