

# Magnetic Proximity Sensors



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## MAGNETIC SENSOR IN ALUMINUM THREADED HOUSING

This Reed Sensor is an omnipolar, magnetically activated switch. It can be approached by a magnet from any angle, with either pole.

- Immune to Hostile Environments
- Zero Power Consumption
- Suitable for DC and AC Circuits
- Hermetically Sealed for Long Life



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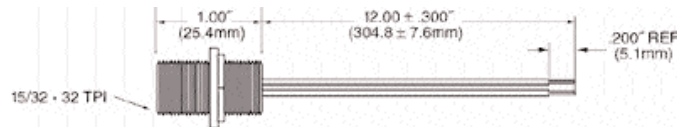
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### MP2007 SPECIFICATIONS

Part #	Contact Form	Power Rating, W Max	Switching Voltage, VDC Max	Breakdown Voltage VDC Min	Switching Current Amps max	Contact Resistance, Ohms Max	Operate Temp Range, °C	Operate Time, msec typ.
MP200701	SPST-NO Form A	10	175	200	0.5	0.200	-40C to +105C	0.6
MP200702	SPST-NC Form B	3	100	200	0.2	0.200	-40 to +105C	1
MP200703	SPDT-CO Form C	3	100	200	0.2	0.200	-40 to +105C	1
MP200705	SPST-NO Form A	10	175	200	0.5	0.200	-20C to +80C	0.6

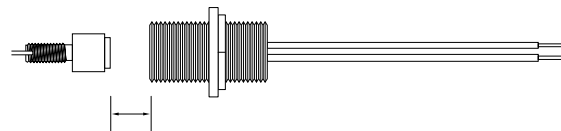
### DIMENSIONS All tolerances ± 0.005" (.13) Unless otherwise noted



Housing Black Anodized Aluminium.  
 MP200705: 22 AWG PVC Cable, Pre-Tinned  
 All Others: 24 AWG PVC UL 1569 Leads, Pre-Tinned.

Form C is a Three-Wire Device: Black= N/O; Blue= N/C; Brown= Common

Operate Distance with AS101001 Magnetic Actuator



**Operate Distance:** .150" (3,8mm) min.  
**Release Distance:** .500" (12,7mm) max.