

# Magnetic Proximity Sensors



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## MAGNETIC SENSOR IN CYLINDRICAL PLASTIC HOUSING

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

- Hermetically Sealed For Long Life
- Zero Power Consumption
- Available in a Variety of Standard Contact Configurations
- Resistant to Moisture and Dirt
- A Standard Magnetic Actuator is Available in the Same Housing Cherry Part Number AS201701



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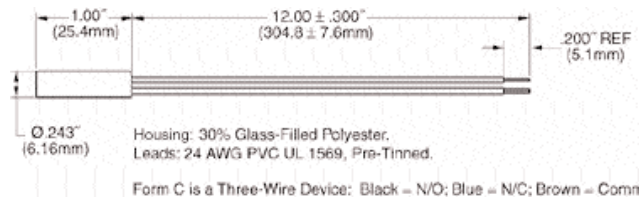
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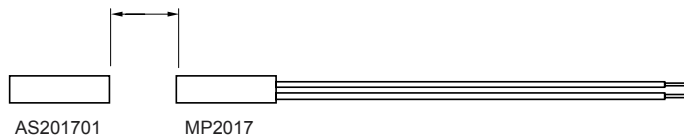
### MP2017 SPECIFICATIONS

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.
MP201701	SPST-NO Form A	10	175	200	0.5	0.200	-40C to +105C	0.6
MP201702	SPST-NC Form B	3	100	200	0.2	0.200	-40 to +105C	1
MP201703	SPDT-CO Form C	3	100	200	0.2	0.200	-40 to +105C	1

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



Operate Distance with AS201701 Magnetic Actuator



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

# Mouser Electronics

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## CHERRY:

[MP201701](#) [MP201703](#) [AS201701](#)

## Cherry Electrical:

[MP201702](#)