

## MAGNETIC SENSOR IN CYLINDRICAL PLASTIC HOUSING

# MP2017 Series



Reed-based magnetic sensor encapsulated in smooth plastic barrel.

### Features

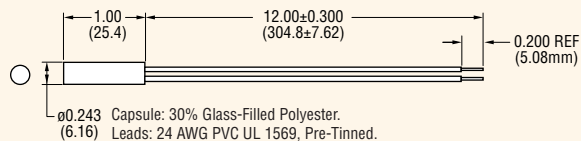
- Hermetically sealed contacts for long life
- Zero power consumption
- Available in a variety of standard contact configurations
- Resistant to moisture and dirt
- A standard magnetic actuator is available in the same housing (Cherry part number AS201701)

### Specifications

Part Number	Contact Form	Power Rating (W max.)	Switching Voltage (VDC max.)	Breakdown Voltage (VDC min.)	Switching Current (Amps max.)	Contact Resistance (Ohms max.)	Operating Temp Range (°C)	Operate Time (msec typical)
MP201701	SPST-NO Form A	10	175	200	0.5	0.200	-40 to 105	0.6
MP201702	SPST-NC Form B	3	100	200	0.2	0.200	-40 to 105	1.0
MP201703	SPDT-CO Form C	3	100	200	0.2	0.200	-40 to 105	1.0

### Dimensions inches (mm)

All tolerances  $\pm 0.005$  (0.13) unless otherwise noted.



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

### Operate Distance with AS201701 Magnetic Actuator



Operate Distance: 0.150 (3.81) Min.  
Release Distance: 0.500 (12.7) Max.