

MAGNETIC REED SENSOR

**MP2017 Series**

Reed-based magnetic sensor encapsulated in smooth plastic housing



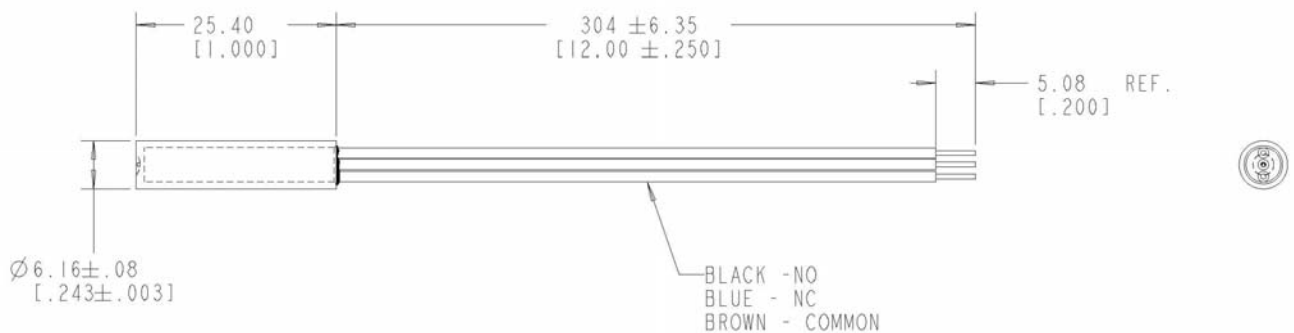
**Features**

- Hermetically sealed for long life
- Resistant to moisture and dirt
- Suitable for DC and AC circuits
- Zero power consumption
- A standard magnetic actuator is available in the same housing (Part number AS201701)
- RoHS compliant

**Specifications**

| Part Number | Contact Form   | Power Rating (W max) | Switching Voltage (AC/DC 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                | 1.0                         |
| MP201702    | SPST-NC Form B | 3                    | 30                            | 200                         | 0.2                          | 0.100                         | -40 to 105                | 1.0                         |
| MP201703    | SPDT CO Form C | 3                    | 30                            | 200                         | 0.2                          | 0.100                         | -40 to 105                | 1.0                         |

**Dimensions inches (mm)**



Operate Distance with AS201701 Magnetic Actuator



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

Specifications subject to change without notice.

Last Updated 083011

