



MP2019 Series

Reed-based magnetic position sensor in plastic flange-mount package.

Features

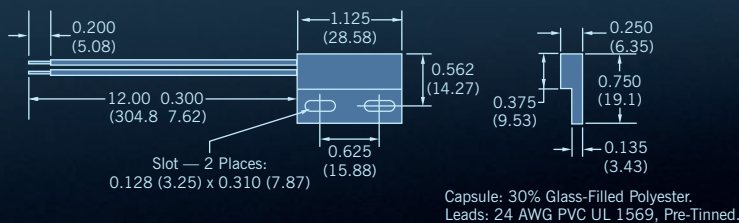
- Immune to hostile environments
- Contacts hermetically sealed for long life
- Suitable for DC and AC circuits
- Zero power consumption
- A standard magnetic actuator is available in the same housing (Cherry part number AS201901)
- RoHS Compliant

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) |
|-------------|----------------|-----------------------|--------------------------------|------------------------------|-------------------------------|--------------------------------|---------------------------|-----------------------------|
| MP201901 | SPST-NO Form A | 10 | AC 175 DC 175 | 200 | 0.5 | 0.200 | -40 to 105 | 1.0 |
| MP201902 | SPST-NC Form B | 3 | AC 30 DC 30 | 200 | 0.2 | 0.100 | -40 to 105 | 1.0 |
| MP201903 | SPDT-CO Form C | 3 | AC 30 DC 30 | 200 | 0.2 | 0.100 | -40 to 105 | 1.0 |

Dimensions inches (mm)

All tolerances ± 0.005 (0.13) unless otherwise noted.



Operate Distance with AS201901 Magnetic Actuator



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