

**RoHS
Compliant**



Features

- Compact size
- Mechanically protected
- Replaces various competitors types
- Various sensitivity ranges available

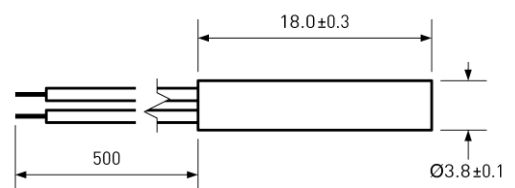
| Electrical Characteristics | | |
|---------------------------------|--------|-----------------|
| Contact form | | A |
| Contact rating max. | W / VA | 10 |
| Switching voltage max. | V DC | 180 |
| | V AC | 130 |
| Switching current max. | A | 0.7 |
| Carry current max. | A | 1 |
| Breakdown voltage min. | V DC | 200 |
| Total resistance max. (initial) | mΩ | 300 |
| Insulation resistance min. | Ω | 10 ⁹ |

| Magnetical Characteristics (of unmodified Reed Switch) | | @ 25°C |
|--|------|---------|
| Pull in range available | AT | 10 - 25 |
| Drop out min. | AT | 4 |
| Test coil | TC | 010 |
| Test equipment tolerance | ± AT | 2 |

| Operating Characteristics (of unmodified Reed Switch) | | @ 25°C |
|---|----|--------|
| Switching frequency max. | Hz | 500 |
| Resonant frequency typ. | Hz | 5000 |
| Operate time max. (incl. bounce) | ms | 0.5 |
| Release time max. | ms | 0.3 |

| Environmental Characteristics | | |
|-------------------------------|----|------------|
| Operating temperature | °C | -20 to +85 |
| Vibration (50-2000 Hz) | g | 20 |
| Shock (1/2 sin 11 ms) | g | 100 |

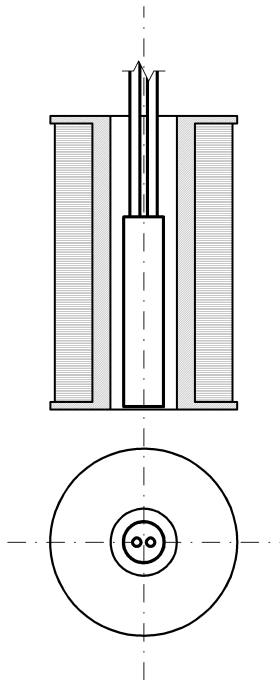
Dimensions



Reed Sensor Switch

| Material Information | | |
|----------------------|---|--------|
| | Material | Colour |
| Housing | ABS | black |
| Cable | UL 1061, AWG 26, 4 mm stripped and tinned | black |
| Potting compound | Epoxy | black |

Test Procedure of final Reed Sensor



| Test Parameters | |
|-----------------|---------------|
| Test coil | TC- 093 |
| Test programs | |
| AT range | Test program |
| 1 = 10 to 15 AT | MP-MS-213-3-1 |

- Test Coil placed in vertical position
- Reed Sensor aligns with bottom line
- Reed Sensor centered in Test Coil

Part Number Table

| Description | Part Number |
|---|--------------------|
| Reed Sensor Switch, Tubular, 10 to 15AT | MP-MS-213-3-1-0500 |

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