

MS-332-7



MS-332-7


Normally Closed Reed Sensor


| Electrical Characteristics | | @ 25 °C |
|---------------------------------|--------|-----------------|
| Contact form | | B |
| Contact rating max. | W / VA | 5 |
| Switching voltage max. | VDC | 175 |
| | VAC | 120 |
| Switching current max. | A | 0.25 |
| Carry current max. | A | 1.5 |
| Breakdown voltage min. | VDC | 200 |
| Total resistance max. (initial) | mΩ | 200 |
| Insulation resistance min. | Ω | 10 ⁹ |

| Features |
|--|
| ➤ No power supply required |
| ➤ Customized types available |
| ➤ Various sensitivity ranges available |
| ➤ Non pole oriented actuation |

| Magnetical Characteristics (of unmodified Reed Switch) | | @ 25 °C |
|--|------|---------|
| Pull in range available | AT | 15 - 30 |
| Drop out min. | AT | 5 |
| Test coil | TC - | 200 |
| Test equipment tolerance | ± AT | 2 |

Approvals





| Operating Characteristics (of unmodified Reed Switch) | | @ 25 °C |
|---|----|---------|
| Switching frequency max. | Hz | 100 |
| Resonant frequency typ. | Hz | 1100 |
| Operate time max. (incl. bounce) | ms | 0.7 |
| Release time max. | ms | 1 |

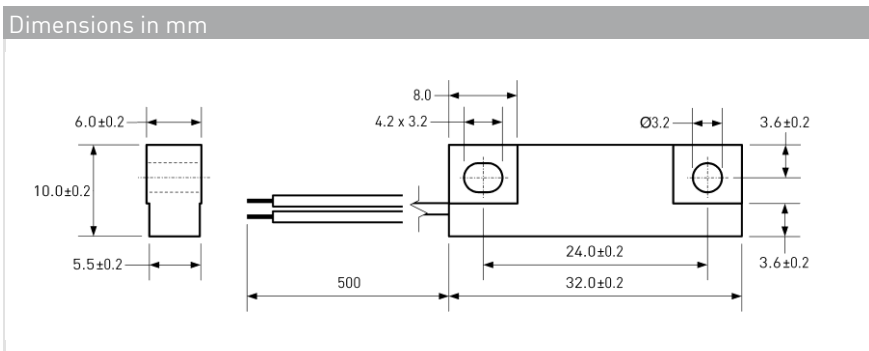
| Environmental Characteristics | | |
|-------------------------------|----|-------------|
| Operating temperature | °C | -20 to + 85 |
| Vibration [50-2000 Hz] | g | 30 |
| Shock [1/2 sin 11 ms] | g | 50 |

| Ordering Information | |
|----------------------|--------|
| Packing Unit | 50 pcs |
| Weight per piece | 5.8 g |
| Weight per package | 300 g |
| Standard AT Ranges | |

- 2 = 15 to 20 AT
- 3 = 20 to 25 AT
- 4 = 25 to 30 AT

Ordering Example
MS-332-7-2 describes MS-332-7 with 15 to 20 AT.

Remarks
When mounted onto ferromagnetic parts switching distance of MS-332-7 may reduce. Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.



| Material Information | | |
|----------------------|--|--------|
| | Material | Colour |
| Housing | ABS | black |
| Cable | UL 1007/1569, AWG 24, 4 mm stripped and tinned | black |
| Potting compound | Epoxy | black |