



## MS-217-4 Form C Reed Sensor

### Electrical Characteristics

|  |        |                 |
|--|--------|-----------------|
| <b>Contact form</b>                      |        | C               |
| <b>Contact rating max.</b>               | W / VA | 5               |
| <b>Switching current max.</b>            | A      | 0.25            |
| <b>Carry current max.</b>                | A      | 1.5             |
| <b>Switching voltage max.</b>            | VDC    | 175             |
|  | VAC    | 120             |
| <b>Breakdown voltage min.</b>            | VDC    | 200             |
| <b>Contact resistance (initial) max.</b> | mΩ     | 100             |
| <b>Insulation resistance min.</b>        | Ω      | 10 <sup>9</sup> |
| <b>Capacitance typ.</b>                  | pF     | 1.0             |

### Magnetical Characteristics

|   |    |       |
|---|----|-------|
| <b>Pull in range available <sup>1</sup></b> | AT | 10-30 |
|---|----|-------|

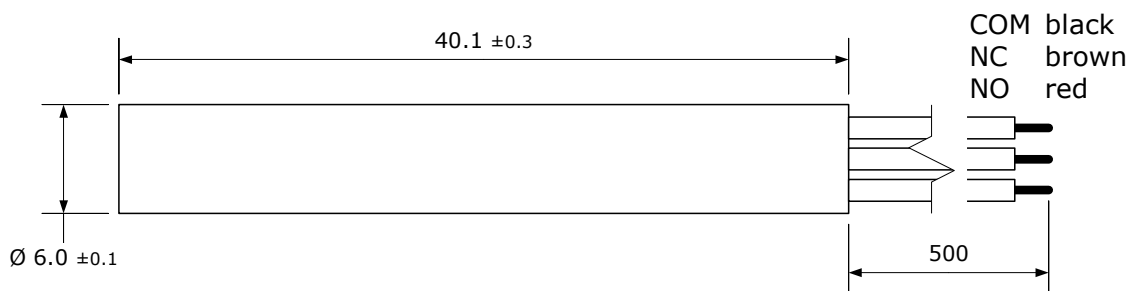
<sup>1</sup> AT range stated for **unmodified** Reed Switch

### Operating Characteristics

|   |    |            |
|---|----|------------|
| <b>Operate time (incl. bounce) max.</b> | ms | 0.7        |
| <b>Release time max.</b>                | ms | 1.0        |
| <b>Switching frequency max.</b>         | Hz | 100        |
| <b>Resonant frequency typ.</b>          | Hz | 1,100      |
| <b>Vibration (50-2000 Hz)</b>           | g  | 30         |
| <b>Shock (1/2 sin 11 ms)</b>            | g  | 50         |
| <b>Operating temperature</b>            | °C | -20 to +85 |

### Dimensions

in mm



Wire: AWG 24, stripped and tinned

### Ordering Information

| Series   | AT Range  |
|----------|---|
| MS-217-4 | <b>1</b> = 10-15 / <b>2</b> = 15-20 / <b>3</b> = 20-25 / <b>4</b> = 25-30 |

**Ordering example:** MS-217-4-2 describes MS-217-4 with 15-20 AT

**Customized types available.**