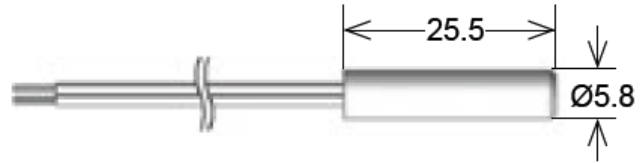


# MK03 Series Reed Sensors



- Features: Cylindrical Reed Sensor, Choice of Cable Termination & Lengths available, Various Case Sizes
- Applications: Door & Window Contacts, With Magnetic Floats for Water Level Detection, Position Sensing
- Markets: Appliance, Industrial, Security & Others

## Part Description: MK 03-0X00X-000X

| Contact QTY | Contact Form | Switch Model | Magnetic Sensitivity | Cable Length (mm)                                | Termination |
|-------------|--------------|--------------|----------------------|--------------------------------------------------|-------------|
| 1           | A, B, C      | 66, 75, 90   | B, C, D, E           | 200, 300, 500, 1,000, 1,500, 2,000, 3,000, 5,000 | w           |

| Customer Options                                                                             | Switch Model     |                  |                 | Unit |
|----------------------------------------------------------------------------------------------|------------------|------------------|-----------------|------|
| Contact Data                                                                                 | 66               | 75               | 90              |      |
| <b>Rated Power (max.)</b><br>Any DC combination of V&A not to exceed their individual max.'s | 10               | 10               | 10              | W    |
| <b>Switching Voltage (max.)</b><br>DC or peak AC                                             | 200              | 500              | 175             | V    |
| <b>Switching Current (max.)</b><br>DC or peak AC                                             | 0.5              | 0.5              | 0.5             | A    |
| <b>Carry Current (max.)</b><br>DC or peak AC                                                 | 1.0              | 1.0              | 1.0             | A    |
| <b>Contact Resistance (max.)</b><br>@ 0.5V & 50mA                                            | 150              | 200              | 150             | mOhm |
| <b>Breakdown Voltage (min.)</b><br>According to EN60255-5                                    | 0.25             | 1.5              | 0.2             | kVDC |
| <b>Operating Time (max.)</b><br>Incl. Bounce; Measured with w/ Nominal Voltage               | 0.7              | 0.5              | 0.7             | ms   |
| <b>Release Time (max.)</b><br>Measured with no Coil Excitation                               | 0.05             | 0.1              | 1.5             | ms   |
| <b>Insulation Resistance (typ.)</b><br>Rh<45%, 100V Test Voltage                             | 10 <sup>10</sup> | 10 <sup>10</sup> | 10 <sup>9</sup> | Ohm  |
| <b>Capacitance (typ.)</b><br>@ 10kHz across open Switch                                      | 0.3              | 0.4              | 1.5             | pF   |

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