# RS 76 M - Full-travel key switch, not illuminable

## 3.13.002.512/0000

Recommended for use of multi-module keycaps.

For accessories, refer to RS 76 special accessories.

For keycaps, see keycaps for RS 76.

| General information | |
|---|---|
| Recommended key grid | 19.05 mm |

| Mechanical design | |
|---|---|
| Mounting | soldering |
| Contact function | momentary |
| Terminals | solder terminals, tin-plated |
| Contact system | cross contact |
| Contact arrangement | 1 NO |
| Contact materials | Au alloy |
| Illumination | no |

| Mechanical characteristics | |
|---|---|
| Operating force max. | 1.4 N |
| Operating travel | 4 mm |
| Switching travel | 1.5 - 2.8 mm |
| Robustness max. | 100 N |

| Electrical characteristics | |
|---|---|
| Rated voltage min. | 2 V (with Diode 3 V) |
| Rated voltage max. | 35 V |
| Rated current min. | 0.01 mA |
| Rated current max. | 100 mA |
| Rated power max. | 1 W |
| Contact resistance when new max. | 100 mΩ (ohne Diode) |
| Contact resistance acc. to life max. | 3 Ω (without diode) |
| Insulation resistance | $10^9$ Ω |
| ESD strength max. | 8 kV |
| Bouncing time max. | 5 ms |

| Other specifications | |
|---|---|
| Ambient temp. operating min. | -25 °C |
| Ambient temp. operating max. | +70 °C |
| Storage temperature min. | -40 °C |
| Storage temperature max. (product) | +80 °C |

| | |
|---|---|
| Storage temperature max. (rail) | +50 °C |
| Environmental restistance | acc. to IEC 60068-2-14, -30, -33 and -78 |
| Operating life min. (operations) | $10^7$ cycle |
| Degree of protection | IP40 (DIN EN 60529) |
| Flammability of materials | UL 94 HB |
| ROHS compliant | yes |
| REACH compliant | yes |