

RS 76 M - Full-travel key switch, illuminable, momentary

3.13.002.102/0000

For accessories, refer to RS 76 special accessories.



For keycaps, see keycaps for RS 76.

General information

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| Recommended key grid | 19.05 mm |
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Mechanical design

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|---------------------|---------------------------------------|
| Mounting | soldering |
| Contact function | momentary |
| Terminals | solder terminals, tin-plated |
| Contact system | bridge contact |
| Contact arrangement | 1 NO |
| Contact materials | Au alloy |
| Illumination | spot illumination possible with 3 LED |

Mechanical characteristics

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| Operating force max. | 1 N |
| Operating travel | 4 mm |
| Switching travel | 1.5 - 2.8 mm |
| Robustness max. | 100 N |

Electrical characteristics

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| Rated voltage min. | 2 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. | 200 mΩ |
| Contact resistance acc. to life max. | 3 Ω |
| Insulation resistance | 10 ⁹ Ω |
| ESD strength max. | 8 kV |
| Bouncing time max. | 10 ms |

Other specifications

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|------------------------------------|--|
| 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 resistance | acc. to IEC 60068-2-14, -30, -33 and -78 |

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|----------------------------------|---|
| Operating life min. (operations) | 10 ⁷ momentary, 10 ⁵ latching cycle |
| Degree of protection | IP40 (DIN EN 60529) |
| Flammability of materials | UL 94 HB |
| ROHS compliant | yes |
| REACH compliant | yes |

