

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

## 3.13.005.001/0000

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.	0.9 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 <sup>9</sup> 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 <sup>7</sup> cycle
Degree of protection	IP40 (DIN EN 60529)
Flammability of materials	UL 94 HB
ROHS compliant	yes
REACH compliant	yes







