

**OVERMOLDED REED SWITCH PK-1000****Description**

Miniature overmolded reed switch «PK-1000» 11.6mm*2.4mm*2.4mm with either straight. It has normally open contact. It is intended for switching electric circuits of direct and alternating currents with frequency up to 10 kHz, and for passing of direct current.

Application

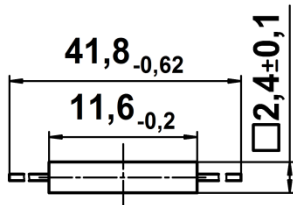
Operated relay contacts, magnetic switches, various sensors in household appliances, industrial and special equipment.

Benefits

Overmolded reed switches «PK-1000» differ greater convenience when installing. The glass bulb of a reed switch is additionally protected, which ensures high mechanical strength. In addition, the plastic sheath ensures an intrinsically safe electric circuit when the switching of the reed switch, which may allow its use in explosive environments. Vacuum tweezers easily takes the overmolded reed switch.

Dimensions

Dimensions in mm

• **Switching current – 0,5A**• **Switching voltage – 100V**• **Switching power – 10W, VA**• **Pull in range – 7...40 AT****Electrical data**

Release range AT, min	AT, min	3
Carry current	A	0,5
Breakdown voltage	V, not less, AC/DC	110/150
Resetting Ratio		0,35...0,9
Contact resistance,	Ω , not more	0,15
Operating time including bounce	MS, not more	0,5
Release time including bounce	MS, not more	0,3
Capacitance	pF, not more	0,5
Insulation resistance	G Ω , not less	1
Operating frequency	Hz	400
Switching current frequency	kHz, not more	10

Environmental Data

Life expectancy, switching cycles	$\times 10^6$ max load power... low load power	0,1...5
Vibration (1...2000 Hz)	g, not more	10
Resonant frequency	Hz	5000
Shock (1±0,3) MS	g, not more	150
Weight	g, not more	0,19
Operating temperature	°C	-60...+155
Humidity	%, not more	98

Numbering System**PK-1000**

Reed switch MK-10

Sensitivity (Pull-In Range)

Overmolded Reed switches are not marked. Marking is on the package.