MK

Reed Sensor with integrated resistor

Electrical Characteristics @ 25 °C

Contact form		A
Contact rating max.	W / VA	10
Switching voltage max.	VDC	150
	VAC	120
Switching current max.	A	0.5
Carry current max.	A	0.7
Breakdown voltage min.	VDC	200
Total resistance max. (initial)	mΩ	200
Insulation resistance min.	Ω	10^9

Features

- Sensor with integrated resistor
- Mechanically protected
- Customized types available

Magnetical Characteristics (of unmodified Reed Switch) @ 25 °C

Pull in range available	AT	10 - 15
Drop out min.	AT	5
Test coil	TC -	302
Test equipment tolerance	± AT	2

Approvals

RoHS

REACH

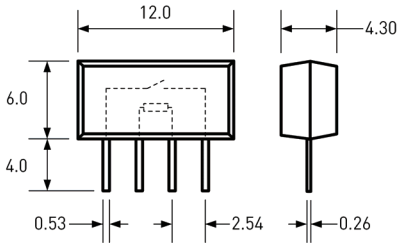
Operating Characteristics (of unmodified Reed Switch) @ 25 °C

Switching frequency max.	Hz	600
Resonant frequency typ.	Hz	12000
Operate time max. (incl. bounce)	ms	0.3
Release time max.	ms	0.1

Environmental Characteristics

Operating temperature	°C	-40 to + 125
Vibration (50-2000 Hz)	g	10
Shock (1/2 sin 11 ms)	g	50

Dimensions in mm



Ordering Information

Packing Unit	1280	pcs
Weight per piece	0.58	g
Weight per package	1350	g
Resistance in Ohms		
	MK-xxxx (1.8 W, 10%) Resistance value is arbitrary	
Ordering Example		
MK-0270 describes MK with 10-15 AT and 270 Ohms resistor		

Remarks

When mounted onto ferromagnetic parts switching distance of MK may reduce.
Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.

PIC Proximity Instrumentation Controls Kontaktbauelemente GmbH
Nibelungenstr. 5 A 90530 Wendelstein, Germany
Phone +49 911 99 59 06-0 Fax +49 911 99 59 06-99
info@pic-gmbh.com www.pic-gmbh.com