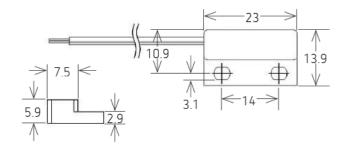


Series Datasheet

standexelectronics.com

MK04 Series Reed Sensors

- Features: Standard Screw Fastening Reed Sensor with Cable Termination, Five Operation Sensitivities
- Applications: Door & Window Contacts, Pneumatic or Hydraulic Actuator Position Indication & Others
- > Markets: Appliance, Industrial, Security & Others



Part	Description:	MK	MK04-0X00X-000X			
Contact Qty	Contact Form	Switch Model	Magnetic Sensitivity	Cable Length (mm)	Termination	
1	А, В, С	66, 90	B, C, D, E, F, G	200, 300, 500, 1000, 1500, 2000, 3000, 5000	W = Stripped & Tinned	

Customer Options	Switc	ch Model	11	
Contact Data	66	90	Unit	
Rated Power (max.) Any DC combination of V&A not to exceed their individual max.'s	10	10	W	
Switching Voltage (max.) DC or peak AC	180	175	V	
Switching Current (max.) DC or peak AC	0.5	0.5	А	
Carry Current (max.) DC or peak AC	1.25	1.0	A	
Contact Resistance (max.) @ 0.5V & 50mA	150	150	mOhm	
Breakdown Voltage (min.) According to EN60255-5	0.25	0.2	kVDC	
Operating Time (max.) Incl. Bounce; Measured with w/ Nominal Voltage	0.7	0.7	ms	
Release Time (max.) Measured with no Coil Excitation	0.05	1.5	ms	
Insulation Resistance (typ.) Rh<45%, 100V Test Voltage	10 ¹⁰	109	Ohm	
Capacitance (typ.) @ 10kHz across open Switch	0.3	1.5	pF	

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MK04 Series Reed Sensors

Housing and Lead Specifications				
Housing Material PBT Glass Fiber Reinforced				
Case Color White				
Sealing Compound	Polyurethane			
Cable Type	Flat Cable			
Cable Material	PVC			
Cross Section (mm ²)	2 x 0.14 / 3 X 0.14			

Environmental Data	Unit	
Shock Resistance (max.) 1/2 sine wave duration 11ms	50	g
Vibration Resistance (max.)	20	g
Operating Temperature Cable not moved	-30 to 80	°C
Operating Temperature Cable moved	-5 to 80	°C
Storage Temperature	-30 to 80	°C

Glossary Contact Form					
Form A	NO = Normally Open Contacts SPST = Single Pole Single Throw				
Form B	NC = Normally Closed Contacts SPST = Single Pole Single Throw				
Form C	Changeover SPDT = Single Pole Double Throw				

MK	04 Reed Sensor
	- WOOST-BORGINI FOOM WOOST-BORGINI FOOM
	*Magnet sold separate
Han	*Magnet sold separate
Han >	
	dling & Assembly Instructions
>	dling & Assembly Instructions Max torque of screw is 1Nm
	dling & Assembly Instructions Max torque of screw is 1Nm Cable bending-radius is diameter x 15

- \geq Do not use magnetically inductive screws
- \succ Series resistor recommended for > 5m cable length

Layout	
Layout Top View	

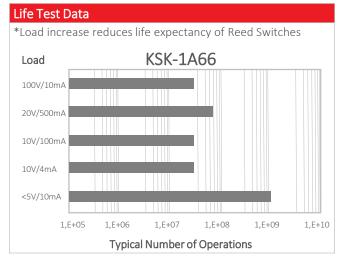
Glossary Magnetic Sensitivity							
Sens.	А	В	С	D	E	F	G
AT	05-10	10-15	15-20	20-25	25-30	30-35	35-40

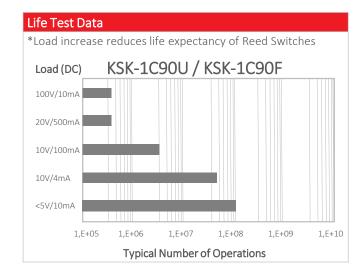


Series Datasheet

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MK04 Series Reed Sensors





Please note: All technical specifications on this series datasheet refer to the standard product range. Modifications in the sense of technical progress are reserved. For general information only. For more specific information, please consult the product datasheet, available upon request.

This series datasheet could contain technical inaccuracies or typographical errors. Changes are periodically made to the information herein. These change will be incorporated in future revisions.

For deviating values, most current specifications and products please contact your nearest sales office.



Version 02 28 Feb 2019 Page 3 M. Reizner