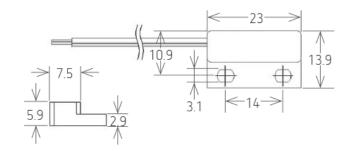
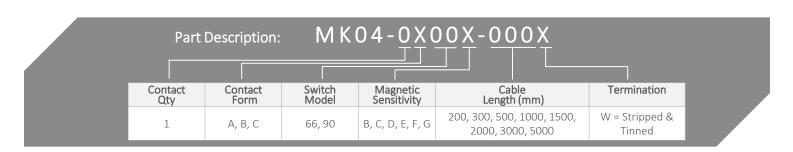


Series Datasheet standexelectronics.com

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





Customer Options	Switch			
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	А	
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	10 ⁹	Ohm	
Capacitance (typ.) @ 10kHz across open Switch	0.3	1.5	pF	

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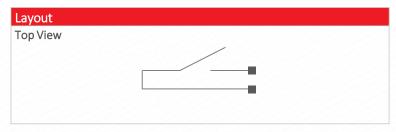
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MK04 Series Reed Sensors

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 (mm²)	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			



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



Handling & Assembly Instructions

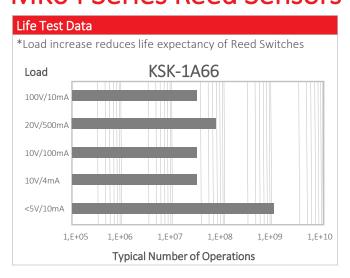
- Max torque of screw is 1Nm
- Cable bending-radius is diameter x 15
- ➤ Min. bending distance to housing is 5mm
- > Drag mark out of the mounting area forbidden
- Decrease switching distance by mounting on iron
- Do not use magnetically inductive screws
- Series resistor recommended for > 5m cable length

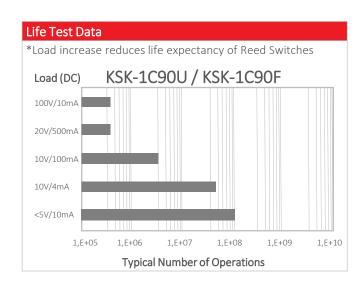
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MK04 Series Reed Sensors





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.









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