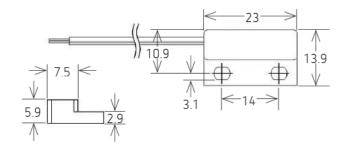


Series Datasheet

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 | |

Series Datasheet

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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 | |
| | |
| | |

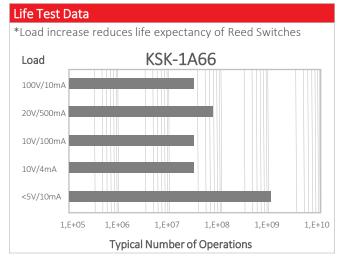
| Glossary Magnetic Sensitivity | | | | | | | |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Sens. | А | В | С | D | E | F | G |
| AT | 05-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 | 35-40 |

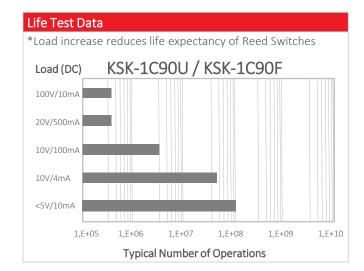


Series Datasheet

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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.



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