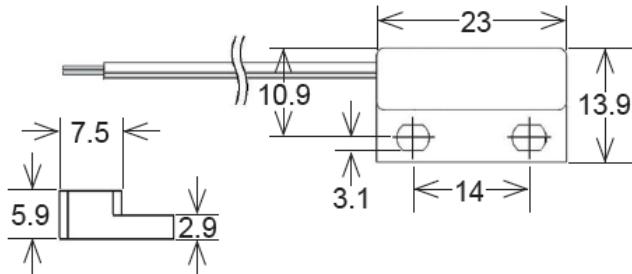


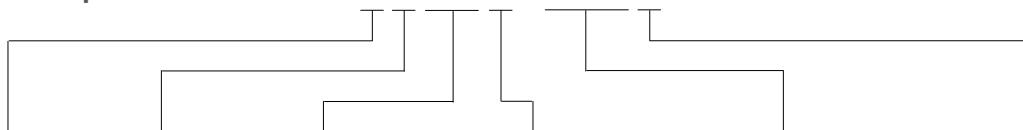
# MK04 Series Reed Sensors



- 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 04-0X00X-000X



Contact QTY	Contact Form	Switch Model	Magnetic Sensitivity	Cable Length (mm)	Termination
01	A, B, C	66, 75, 90	B, C, D, E, F, G	200, 300, 500, 1,000, 1,500, 2,000, 3,000, 5,000	W

Customer Options		Switch Model			Unit
Contact Data		66	75	90	
<b>Rated Power (max.)</b> Any DC combination of V&A not to exceed their individual max.'s		10	10	10	W
<b>Switching Voltage (max.)</b> DC or peak AC		200	500	175	V
<b>Switching Current (max.)</b> DC or peak AC		0.5	0.5	0.5	A
<b>Carry Current (max.)</b> DC or peak AC		1.0	1.0	1.0	A
<b>Contact Resistance (max.)</b> @ 0.5V & 50mA		150	200	150	mOhm
<b>Breakdown Voltage (min.)</b> According to EN60255-5		0.25	1.5	0.2	kVDC
<b>Operating Time (max.)</b> Incl. Bounce; Measured with w/ Nominal Voltage		0.7	0.5	0.7	ms
<b>Release Time (max.)</b> Measured with no Coil Excitation		0.05	0.1	1.5	ms
<b>Insulation Resistance (typ.)</b> Rh<45%, 100V Test Voltage		10 <sup>10</sup>	10 <sup>10</sup>	10 <sup>9</sup>	GOhm
<b>Capacitance (typ.)</b> @ 10kHz across open Switch		0.3	0.4	1.5	pF

## Series Datasheet – MK04 Reed Sensors

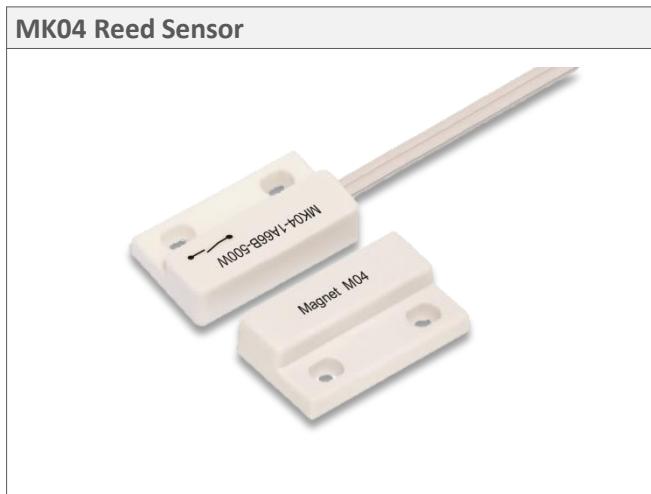
[www.standexmeder.com](http://www.standexmeder.com)

Housing and Cable Specifications	
Housing Material	PBT Glass Fibre Reinforced
Case Color	White
Sealing Compound	Polyurethan
Cable Typ	Flat Cable
Cable Material	PVC
Cross Section (mm <sup>2</sup> )	2 x 0.14 / 3x0,14

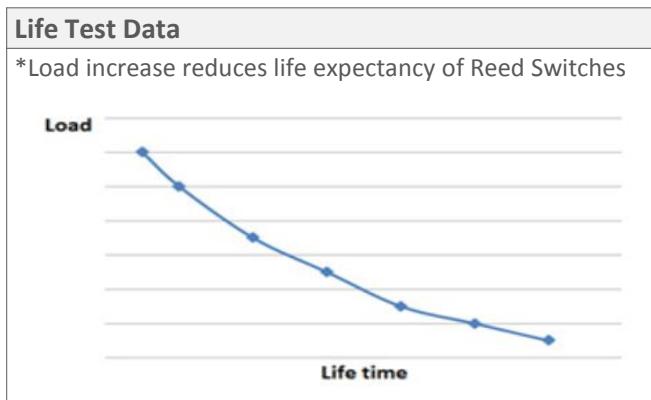
Environmental Data		Unit
Shock Resistance (max.) 1/2 sine wave duration 11ms	50	g
Vibration Resistance (max.)	20	g
Operating Temperature Cable not moved	-05 to 70	°C
Operating Temperature Cable moved	-30 to 70	°C
Storage Temperature	-30 to 70	°C

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.	A	B	C	D	E	F	
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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