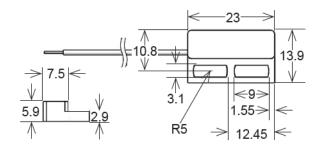


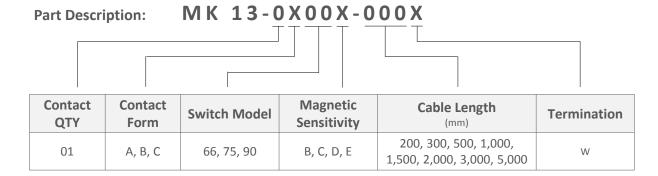
# Series Datasheet – MK13 Reed Sensors

# www.standexmeder.com

# MK13 Series Reed Sensors



- Features: Standard Screw Fastening Reed Sensor with Cable Termination, Five Operation Sensitivities
- Applications: End Motion Detection, Door/Flap Control, Hydraulic Actuator Position Indication & Others
- Markets: Appliance, Industrial, Security & Others



<b>Customer Options</b>	Switch Model			l loit	
Contact Data	66	75	90	Unit	
Rated Power (max.) Any DC combination of V&A not to exceed their individual max.'s	10	10	10	W	
Switching Voltage (max.) DC or peak AC	200	230	175	V	
Switching Current (max.) DC or peak AC	0.5	0.5	0.5	А	
Carry Current (max.) DC or peak AC	1.0	1.0	1.0	А	
Contact Resistance (max.) @ 0.5V & 50mA	150	200	150	mOhm	
Breakdown Voltage (min.) According to EN60255-5	0.25	0.4	0.2	kVDC	
Operating Time (max.) Incl. Bounce; Measured with w/ Nominal Voltage	0.7	0.5	0.7	ms	
Release Time (max.) Measured with no Coil Excitation	0.1	0.1	1.5	ms	
Insulation Resistance (typ.) Rh<45%, 100V Test Voltage	10 <sup>10</sup>	10 <sup>10</sup>	10 <sup>9</sup>	GOhm	
Capacitance (typ.) @ 10kHz across open Switch	0.3	0.4	1.5	pF	



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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 (mm²)	2 x 0.14 / 3 x 0.14		

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

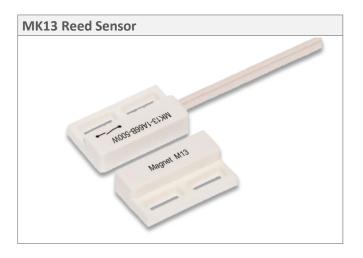
Glossary Contact Form				
Form A	NO = Normally Open Contacts SPST = Single Pole Single Throw			
Form B	NC = Normally Closed Contacts SPST = Single Pole Single Throw			
Form C	Changeover SPDT = Single Pole Double Throw			

Glossary Magnetic Sensitivity							
Sens.	Α	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 0,5Nm
- 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

