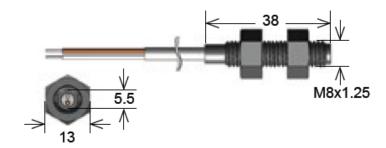


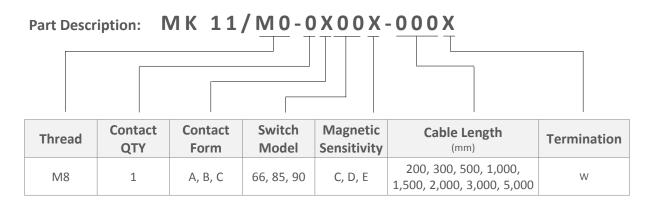
Series Datasheet – MK11(P) Reed Sensors

www.standexmeder.com

MK11(P) Series Reed Sensors



- Features: Cylindrical Reed Sensor, Choice of Cable Termination & Lengths available, Various Case Sizes
- Applications: Door & Window Contacts, Safety Control, Position Sensing
- Markets: Appliance, Industrial, Security & Others



Customer Options	Switch Model			l loit
Contact Data	66	85	90	Unit
Rated Power (max.) Any DC combination of V&A not to exceed their individual max.'s	10	100	10	W
Switching Voltage (max.) DC or peak AC	200	1000	175	V
Switching Current (max.) DC or peak AC	0.5	1	0.5	А
Carry Current (max.) DC or peak AC	1.0	2.5	1.0	А
Contact Resistance (max.) @ 0.5V & 50mA	150	150	150	mOhm
Breakdown Voltage (min.) According to EN60255-5	0.25	1.5	0.2	kVDC
Operating Time (max.) Incl. Bounce; Measured with w/ Nominal Voltage	0.7	1.1	0.7	ms
Release Time (max.) Measured with no Coil Excitation	0.05	0.05	1.5	ms
Insulation Resistance (typ.) Rh<45%, 100V Test Voltage	10 ¹⁰	10 ¹⁰	10 ⁹	Ohm
Capacitance (typ.) @ 10kHz across open Switch	0.3	0.5	1.5	pF



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Housing and Cable Specifications				
Housing Material	Crastin			
Case Color	Black			
Sealing Compound	Polyurethan			
Cable Typ	Flat Cable/ Round Cable			
Cable Material	PVC			
Cross Section (mm²)	2 x 0.14 - 0.25 / 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 70	°C	
Operating Temperature Cable moved	-5 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	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 nuts 1Nm
- Cable bending-radius is diameter x 15
- Min. bending distance to housing is 5mm
- > Decrease switching distance by mounting on iron
- Do not use magnetically inductive screws
- Series resistor recommended for > 5m cable length

