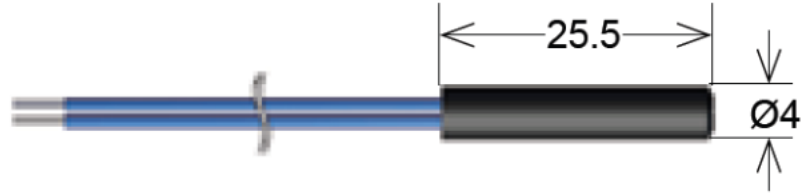


MK14 Series Reed Sensors



- Features: Cylindrical Reed Sensor, Choice of Cable Termination & Lengths available, Various Case Sizes
- Applications: Door & Window Contacts, With Magnetic Floats for Water Level Detection, Position Sensing
- Markets: Appliance, Industrial, Security & Others

Part Description: **MK 14-0X00X-000X**

Contact QTY	Contact Form	Switch Model	Magnetic Sensitivity	Cable Length (mm)	Termination
1	A, B, C	66, 90	B, C, D, E	100, 200, 300, 500, 1,000, 1,500	w

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

Series Datasheet – MK14 Reed Sensors

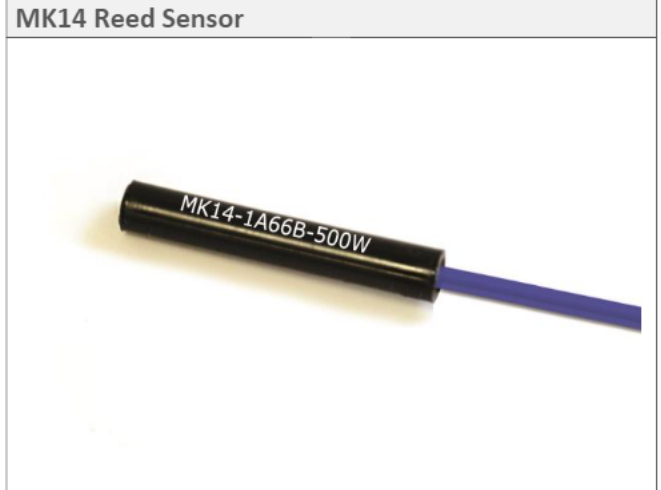
www.standexmeder.com

Housing and Cable Specifications	
Housing Material	PBT Glass Fiber Reinforced
Case Color	Black
Sealing Compound	Polyurethan
Cable Typ	Flat Cable/ Round Cable
Cable Material	PVC
Cross Section (mm ²)	2 x 0.14 / 3 x 0.14

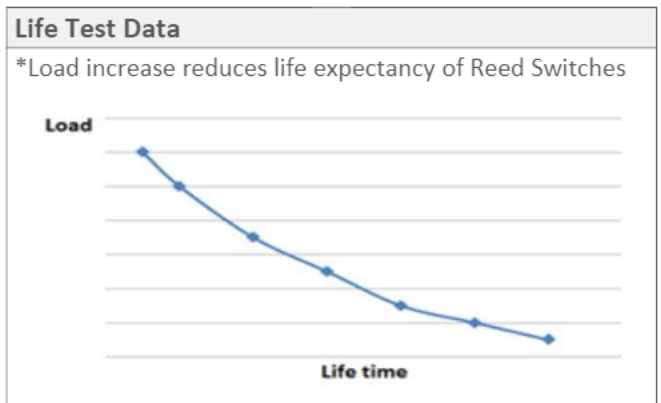
Environmental Data		Unit
Shock Resistance (max.) 1/2 sine wave duration 11ms	50	g
Vibration Resistance (max.)	20	g
Operating Temperature Cable not moved	-30 to 70	°C
Operating Temperature Cable moved	-5 to 70	°C
Storage Temperature	-30 to 70	°C

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	Changeover SPDT = Single Pole Double Throw	

Glossary Magnetic Sensitivity							
Sens.	A	B	C	D	E	F	G
AT	05-10	10-15	15-20	20-25	25-30	30-35	35-40



- ### Handling & Assembly Instructions
- Max torque on housing 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



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [standexmeder](#) manufacturer:

Other Similar products are found below :

[MK18-B-500W](#) [DIP05-1A72-12L](#) [CRF05-1AS](#) [HE06-1B83-150](#) [HE24-1A83](#) [MK02/0-1A66-1000W](#) [SHV12-1A85-78L3K](#) [KT12-1A-BV88589](#) [SIL05-1A72-71QHR](#) [NDFEB 8X15MM](#) [BE12-2A85-BV420](#) [MK04-1A66B-500W](#) [DIP05-1A72-13L](#) [HM24-1A69-20-6](#) [HM12-1A83-06-UL](#) [H12-1B83](#) [KT12-1A-40L-THT](#) [SIL05-1A31-71L](#) [MK06-4-C](#) [LI05-1A85](#) [NDFEB 10X5X1.9MM](#) [LS01-1A66-PP-500W](#) [M11/M8](#) [LS02-1A66-PP-500W](#) [HM24-1A69-300](#) [LS02-1A66-PA-500W](#) [KT05-1A-40L-THT](#) [MK21M-1A66C-500W](#) [DIP24-1C90-51D](#) [SIL24-1A72-71D](#) [SIL24-1A75-71L](#) [DIP12-1A72-12L](#) [ORD211-1015](#) [DIP12-2A72-21L](#) [H24-1A83](#) [MK17-C-3](#) [SHV12-1A85-78L4K](#) [ALNICO500; 10X40MM](#) [HE24-1A83-02](#) [MS05-1A87-75DHR](#) [DIL05-2C90-63L](#) [DIP24-1A72-12L](#) [HM24-1A69-06](#) [DIP24-1A31-16D](#) [HE06-1A16](#) [MK03-1A66E-500W](#) [LS01-1A66-PA-500W](#) [ORD228VL-2030](#) [DIP05-1C90-51L](#) [ALNICO500 5X22MM](#)