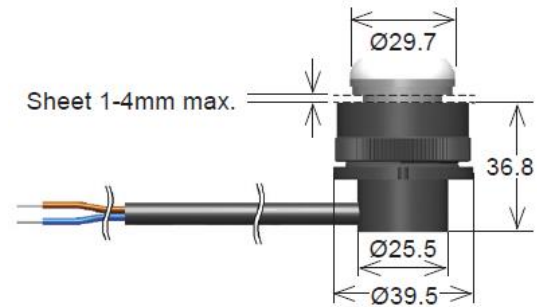


MK25 Series Reed Sensors



- Features: Ex-approved, Choice of Cable Termination & Lengths, Button Plates in Different Colors available
- Applications: Petrochemical and Mining Industry, Filling Stations, Hazardous Areas
- Markets: Industrial, Security & Others

Part Description: **M K 25 - 0 X 00 - 000 X**

Contact QTY	Contact Form	Switch Model	Cable Length (mm)	Termination
1	A, C	46, 75, 90	100, 200, 300, 500, 1,000, 1,500	w

Customer Options	Switch Model			Unit
Contact Data	46	75	90	
Rated Power (max.) Any DC combination of V&A not to exceed their individual max.'s	10	10	3	W
Switching Voltage (max.) DC or peak AC	100	230	30	V
Switching Current (max.) DC or peak AC	0.5	0.5	0.2	A
Carry Current (max.) DC or peak AC	1.5	1.0	0.5	A
Contact Resistance (max.) @ 0.5V & 50mA	150	200	150	mOhm
Breakdown Voltage (min.) According to EN60255-5	0.225	0.4	0.15	kVDC
Operating Time (max.) Incl. Bounce; Measured with w/ Nominal Voltage	0.7	0.5	2.5	ms
Release Time (max.) Measured with no Coil Excitation	0.1	0.1	0.5	ms
Insulation Resistance (typ.) Rh<45%, 100V Test Voltage	10 ⁹	10 ¹⁰	10 ⁹	GOhm
Capacitance (typ.) @ 10kHz across open Switch	0.2	0.4	1.5	pF

Series Datasheet – MK25 Reed Sensors

www.standexmeder.com




Housing and Cable Specifications

Housing Material	PA 6, Typ Miramid VE
Case Color	Black
Sealing Compound	Polyurethan/Elastosil
Cable Typ	Round Cable
Cable Material	Oil resistant Cable H05RN-F
Cross Section (mm ²)	2 x 0.75

Environmental Data

		Unit
Shock Resistance (max.) 1/2 sine wave duration 11ms	50	g
Vibration Resistance (max.)	20	g
Operating Temperature Cable not moved	-40 to 60	°C
Operating Temperature Cable moved	-05 to 70	°C
Storage Temperature	-40 to 60	°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	



MK25 Reed Sensor

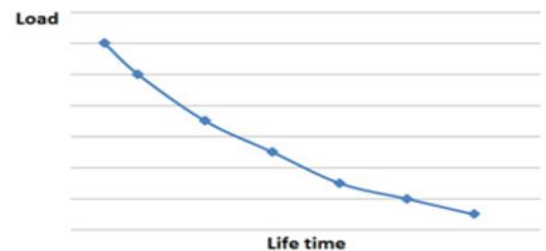


Handling & Assembly Instructions

- Cable bending-radius is diameter x 15
- Min. bending distance to housing is 20mm
- Cable exit twistable
- Decrease switching distance by mounting on iron
- Push button tentative
- Series resistor recommended for > 5m cable length

Life Test Data

*Load increase reduces life expectancy of Reed Switches



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