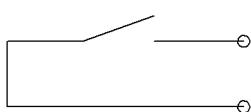


Cable
Flat Cable, LIYZ 2x0.14sqmm
colour of wires: white

Terminals/Connector
Customer side: Ends tinned
Kundenseite: Enden verzinkt

Schematic

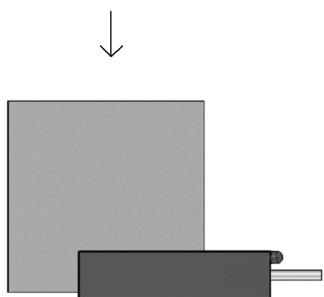


Marking
MEDER-Label, Type,
according to EN60062/factory code
MEDER-Logo, Typ,
gem. EN60062/Fertigungsstätte

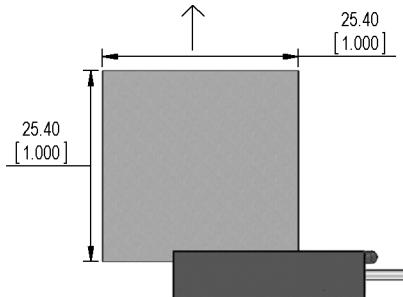
MEDER YM/P
MK28-1A-500W

Switching distances

Vane Movement

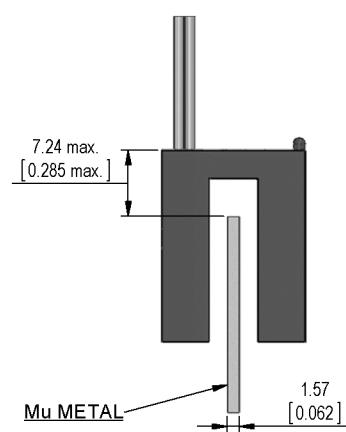


Vane Movement



Sensor Activation

Sensor De-activation



Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	15		20	AT
Test-Coil	Reed switch unmodified			KMS-01	

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact - No.			90		
Contact - form				A - NO	
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			175	V
Carry current	DC or Peak AC			1	A
Switching current	DC or Peak AC			0.5	A
Sensor-resistance	measured with 40% overdrive			300	mOhm
Breakdown voltage	according to EN 60255-5	200			VDC
Housing material				Nylon 6/6	
Case color				black	
Sealing compound				UL94-V2 File-No E72640 (M) PU E8702 FW-Z/Herberts	

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-40		105	°C
Storage temperature		-40		105	°C

Cable specification	Conditions	Min	Typ	Max	Unit
Cable type				flat cable	
Cable material				PVC	
Cross section				0.14 sq-mm	

General data	Conditions	Min	Typ	Max	Unit
Mounting advice				Magnetically conductive screws must not be used.	
Mounting advice				over 5m cable, a resistor is recommended.	
Tightening torque	Screw M3 ISO 1207 Disk ISO 7089			0.5	Nm