



Products for tomorrow

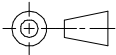
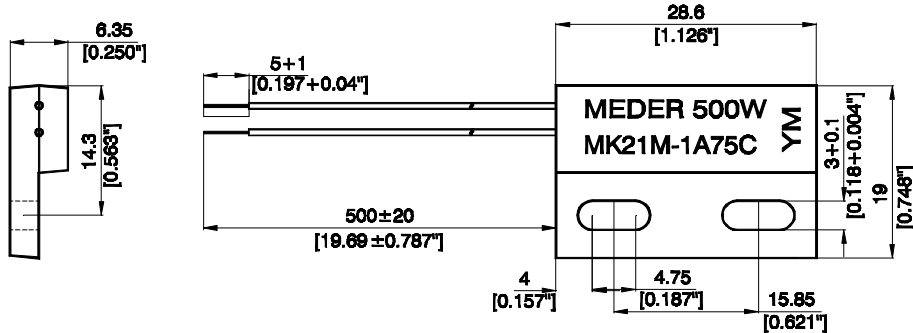
Headquarter Europe
 MEDER electronic AG
 Friedrich-List Strasse 6
 D-78234 Engen-Welschingen
 Tel.: +49(0)7733-9487-0
 Fax: +49(0)7733-9487-32
 eMail: info@meder.com
 Internet: www.meder.com

Headquarter USA
 MEDER electronic Inc.
 766 Falmouth Rd
 Mashpee, MA 02649
 Phone: +1/ 508-539-0002
 Fax: +1/ 508-539-4088
 eMail: salesusa@meder.com

Reed Sensor: MK21M-1A75C-500W

Part Number: 9213751054

Dimensions (tolerance $\pm 0,1\text{mm}$) / Marking



Magnetic Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Pull-In Switch unmodified	Testcoil SMC-01	15		20	AT
Pull-In Switch modified	Testcoil SMC-14	36		70	AT

Contact Data (Form A/Dry)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			10	W
Switching Voltage	DC or Peak AC			500	VDC
Switching Current	DC or Peak AC			0,5	A
Carry Current	DC or Peak AC			1,0	A
Static Contact Resistance (initial)	Measured with 40% overdrive			200	mΩ
Insulation Resistance	RH 45%	10^{10}			Ω
Breakdown Voltage		1,5			KVDC
Resonant frequency			6700		Hz
Operate Time, including Bounce	Measured with 40% overdrive			0,5	ms
Release Time				0,1	ms
Capacitance			0,4		pF

Environmental Data					
Shock	½ sine wave, duration 11ms			150	g
Vibration	from 10 - 2000 Hz			10	g
Operating Temperature	10°C/min max. allowable	-30		150	°C
Storage Temperature	10°C/min max. allowable	-40		160	°C
Cleaning				fully sealed	
Material of Case				Mineral-filled-epoxy	
Cable		RADOX RXL 155 0,5mm ² BU			
Contact Resistance with Cable	Measured with 40% overdrive			200	mΩ
Remarks	The switching distance can be decreased by mounting the MK21 on iron. When mounting the sensor, magnetically conductive screws must not be used.				

Customer / Customer part number	Standard product
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