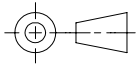
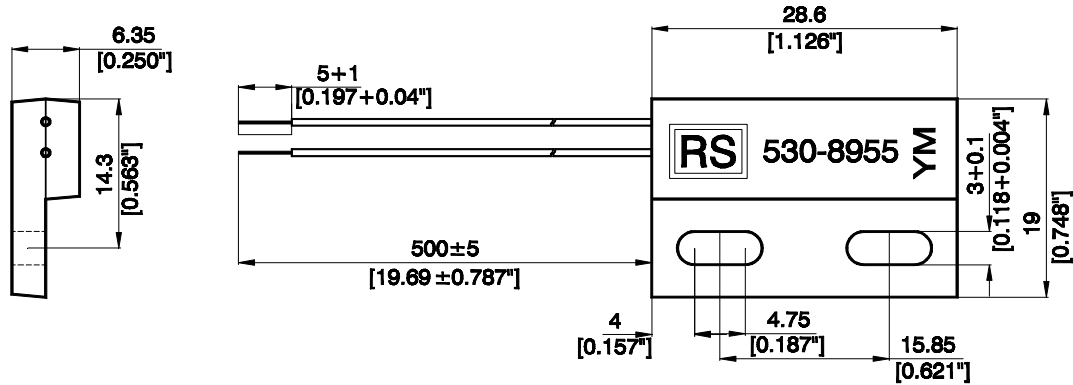


Datasheet

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	38		66	AT

Contact Data 75(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			0,3		pF

Environmental Data					
Shock	$\frac{1}{2}$ 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				