



**REED SWITCH DEVELOPMENTS CORP.**

2524 Norwood Court  
Racine, WI 53403  
Ph: (262)883-9060

[sales@reedswitchdevelopments.com](mailto:sales@reedswitchdevelopments.com)

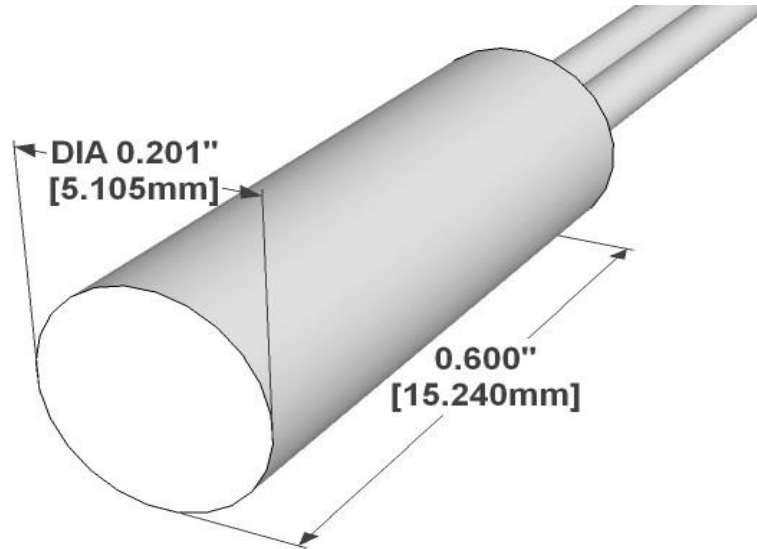
**SPECIFICATION SHEET**

Assembly Part Number:  
**2220-1090-100**

**Reed Specifications**

Physical	Configuration*	SPST	
	Form*	A	
	Contact Position	CENTER	
	Glass L	7.00	mm
	Glass D	1.80	mm
	Total L*	46.00	mm
	Wire D	0.45	mm
	Gap Location	CENTER	
	Mount Spec*	THRU	
	Contact Material	RUTHENIUM	
	Max Vibration Resistance	10	G
	Max Shock Resistance (11ms)	100	G
	Lead Tensile Strength	N/A	KG
	Operating	Pull in (+/- 2AT)*	7 - 12
Drop out*		3 - 16	AT
Operate Time		0.115	ms
Bounce Time		0.035	ms
Release Time		0.035	ms
Resonant Frequency		17900	Hz
Max Operating Frequency		N/A	Hz
Operating Temperature Range		-55 - 105	°C
Storage Temperature	N/A	°C	
Electrical	DC Contact Rating	10	W
	AC Contact Rating	N/A	VA
	DC Switching Voltage	170	VDC
	AC Switching Voltage	120	VAC
	DC Switching Current	0.500	A
	AC Switching Current	0.500	A
	DC Max Carry Current	0.500	A
	AC Max Carry Current	0.500	A
	Min Breakdown Voltage	210	VDC
	Max Initial Contact Resistance	150	mOhm
	Typical Initial Contact Resistance	120	mOhm
Max Contact Capacitance	0.350	pF	
Min Insulation Resistance	10 <sup>6</sup>	Ohm	

\* Pre-processed, bare reed element



**Assembly Characteristics**

Housing	2220
Housing Material	CELANEX 3316
Reed	1091
Configuration	SPST
Form	A

**Wire/Cable Characteristics**

Type	WIRE	
Length	6.0/125.4	in/mm
Conductor Count	2	
Colors	BLK	
Insulation Material & Description	PVC	
Gauge	24	AWG
Stranded Copper	7	STR-TC
Maximum temperature	105	°C

**Standard Actuator/Minimum Make Distance**

2220-4938-000 - NEO 30 - Cylinder	.13/3.3	in/mm

**Assembly Certifications**

UL RECOGNIZED (File #: E102207)	Y	
RoHS	Y	

For More Information Visit:  
[www.reedswitchdevelopments.com](http://www.reedswitchdevelopments.com)

Or Call Us At:  
**262-883-9060**

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