



REED SWITCH DEVELOPMENTS CORP.

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SPECIFICATION SHEET

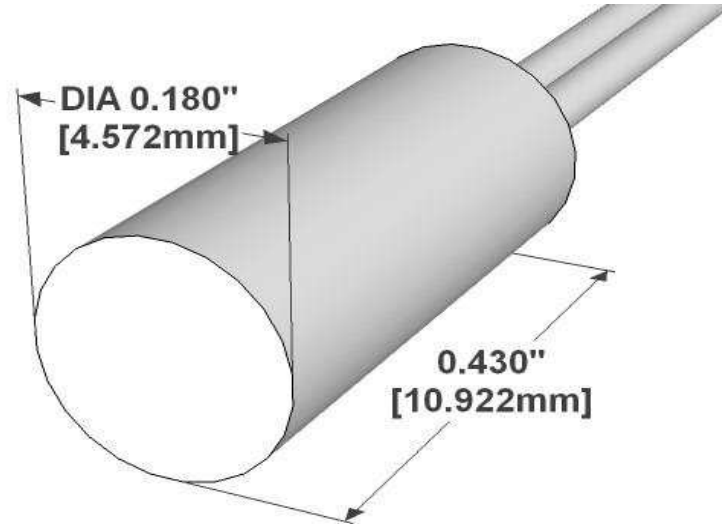
Assembly Part Number:

2100-1090-100

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	
Operating	Max Vibration Resistance	10	G
	Max Shock Resistance (11ms)	100	G
	Lead Tensile Strength	N/A	KG
	Pull in (+/- 2AT)*	7 - 12	AT
	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
Electrical	Operating Temperature Range	-55 - 105	°C
	Storage Temperature	N/A	°C
	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 ⁶	Ohm

* Pre-processed, bare reed element



Assembly Characteristics

Housing	2100
Housing Material	CELANEX 3316
Reed	1091
Configuration	SPST
Form	A

Wire/Cable Characteristics

Type	WIRE	
Length	6.0/152.4	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

2110-4902-000 - NEO 30 - Cylinder	.13/3.3	in/mm

Assembly Certifications

UL RECOGNIZED (File #: E102207)	Y	
RoHS	Y	

For More Information Visit:
www.reedswitchdevelopments.com

Or Call Us At:
262-883-9060

IT SHALL BE THE RESPONSIBILITY OF THE BUYER TO ENSURE THAT THE GOODS ARE SUFFICIENT AND SUITABLE FOR THE PURPOSE OR PURPOSES INTENDED (WHETHER BY THE BUYER OR BY ANY THIRD PARTY) AND THAT THEIR CAPACITY AND PERFORMANCE IS NOT ADVERSELY AFFECTED BY ANY ITEMS USED IN THEIR INSTALLATION (WHERE RELEVANT) AND/OR IN CONNECTION WITH THEM.