# REED SWITCH DEVELOPMENTS CORP. 2524 Norwood Court

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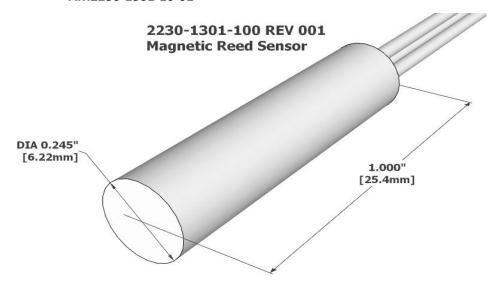
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#### Sensor (Reed) - Specifications 1901 \*\* SPDT Configuration С Form **Contact Position OFFSET** Glass L 14.00 mm Glass D 2.30 mm 55.00 Total L\* mm Wire D 0.53 mm Gap Location THRU Mount Spec\* RHODIUM Contact Material Max Vibration Resistance 20 Max Shock Resistance (11ms) 50 Lead Tensile Strength N/A KG Pull in (+/- 2AT)\* 15-20 ΑT Drop out\* 5 ΑТ 2.0 ms Operate Time Bounce Time 0.60 ms 0.50 Release Time μs Resonant Frequency N/A Hz 250 Max Operating Frequency Hz Operating Temperature Range -40 - 105 Storage Temperature N/A °C 20 DC Contact Rating W 20 **AC Contact Rating** VA 150 DC Switching Voltage VDC AC Switching Voltage 150 VAC 1.00 DC Switching Current 1.00 AC Switching Current DC Max Carry Current 2.00 2.00 AC Max Carry Current 200 Min Breakdown Voltage VDC Max Initial Contact Resistance 150 mOhm N/A Typical Initial Contact Resistance mOhm 0.80 Max Contact Capacitance рF

## **SPECIFICATION SHEET** 2230-1301-100 REV 001

Alternate Part Number: **AM2230-1301-10-01** 

Active / Equivalent Part Numbers: 2230-1301-100 REV 001 - Magnetic Reed Sensor Only AM2230-1301-10-01 - Magnetic Reed Sensor Only



All measurements are in Inches [millimeters]

### Sensor - Wire/Cable Characteristics (cont.)

Туре	Wire
Conductor Count	3
Length	6.0"/152.4mm
Colors	RED, BLK, WHT
Insulation Material	PVC
Gauge	24 414/6
Gauge	24 AWG
Stranded Copper	7 STR-TC

Housing	Characteristics	2230
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Cylindrical Smooth	
Length	1.000"/25.40mm
Width	0.245"/6.22mm
Material	Celanex 3316

Conductor Configuration

	conductor comigaration	
	Common (COM) - WHITE	
	Normally Open (NO) - RED	
	Normally Closed (NC) - BLACK	
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For More Information Visit:

www.reedswitchdevelopments.com

Or Call Us At: 262-883-9060

### Standard Sensor/Actuator - Min. Actuation Distance

2230-4013-000	0.12"/3.04mm	
Assembly Certifications		
UL Recognized (File #: E102207)	Υ	
RoHS / Reach Compliant	Υ	
Conflict Free Material	Υ	

\* Pre-processed, bare reed element \*\*

10^9

Ohm

Min Insulation Resistance

\*\* THIS ASSEMBLY USES ALTERNATE REED

REV DATE: 10/06/2021

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