



REED SWITCH DEVELOPMENTS CORP.

2524 Norwood Court

Racine, WI 53403

Ph: (262)883-9060

sales@reedswitchdevelopments.com

SPECIFICATION SHEET

2501-1710-100

Alternate Part Number:
AM2501-1710-10-01

Active / Equivalent Part Numbers:

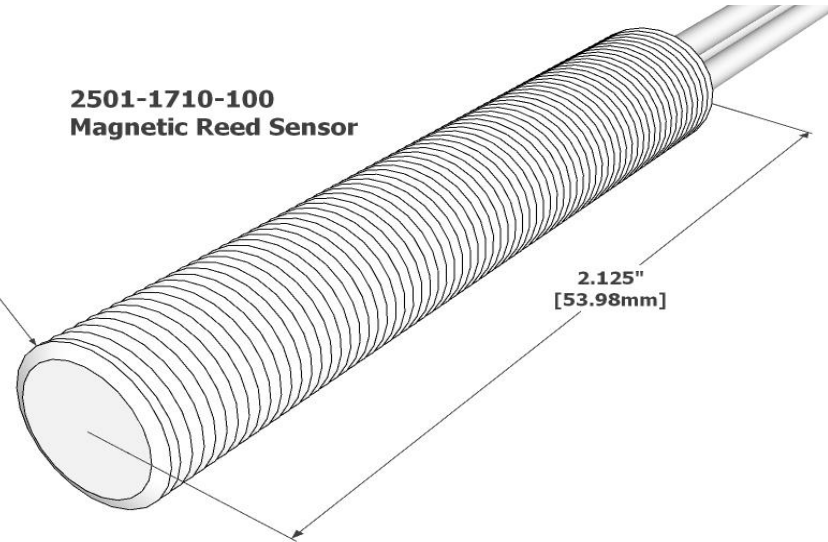
2501-1710-100 - Magnetic Reed Sensor Only

AM2501-1710-10-01 - Magnetic Reed Sensor Only

Sensor (Reed) - Specifications		1710
Physical	Configuration	SPDT
	Form	C
	Contact Position	OFFSET
	Glass L	32.89 mm
	Glass D	5.33 mm
	Total L*	85.98 mm
	Wire D	1.02 mm
	Gap Location	OFFSET
	Mount Spec*	THRU
	Contact Material	TUNGSTEN
	Max Vibration Resistance	N/A G
	Max Shock Resistance (11ms)	N/A G
	Lead Tensile Strength	N/A KG
	Operating	Pull in (+/- 2AT)*
Drop out*		N/A AT
Operate Time		4.00 ms
Bounce Time		N/A ms
Release Time		3.90 ms
Resonant Frequency		N/A Hz
Max Operating Frequency		N/A Hz
Operating Temperature Range		-40 - 105 °C
Storage Temperature		N/A °C
Electrical		DC Contact Rating
	AC Contact Rating	N/A VA
	DC Switching Voltage	120 VDC
	AC Switching Voltage	85 VAC
	DC Switching Current	3.00 A
	AC Switching Current	3.00 A
	DC Max Carry Current	3.60 A
	AC Max Carry Current	3.60 A
	Min Breakdown Voltage	150 VDC
	Max Initial Contact Resistance	500 mOhm
	Typical Initial Contact Resistance	N/A mOhm
	Max Contact Capacitance	1.60 pF
	Min Insulation Resistance	10 ¹⁰ Ohm

**2501-1710-100
Magnetic Reed Sensor**

DIA 0.375" [9.52mm]
3/8-27 THREAD



2.125"
[53.98mm]

All measurements are in Inches [millimeters]

Sensor - Wire/Cable Characteristics (cont.)

Type	Wire
Conductor Count	3
Length	18.0"/457.2mm
Colors	RED, BLK, WHT
Insulation Material	PVC
Gauge	22 AWG
Stranded Copper	7 STR
Maximum Temp	105°C

Housing Characteristics 2501

Cylindrical Threaded 3/8-27)	
Length / Thickness	2.125"/53.98mm
Diameter	0.375"/9.53mm
Material	Aluminum

For More Information Visit:

www.reedswitchdevelopments.com

Or Call Us At:

262-883-9060

Conductor Configuration

Common - WHITE
Normally Open (NO) - RED
Normally Closed (NC) - BLACK

Standard Sensor/Actuator - Min. Actuation Distance

2501-4932-100	0.31"/7.9mm
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Assembly Certifications

UL Recognized (File #: E102207)	Y
RoHS / Reach Compliant	Y
Conflict Free Material	Y

REV DATE: 10/06/2021

* Pre-processed, bare reed element

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