REED SWITCH DEVELOPMENTS CORP.
2524 Norwood Court
Racine, WI 53403
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SPECIFICATION SHEET

2010-1301-100 REV 001

Active / Equivalent Part Numbers:

2010-1301-100 REV 001 - Magnetic Reed Sensor Only

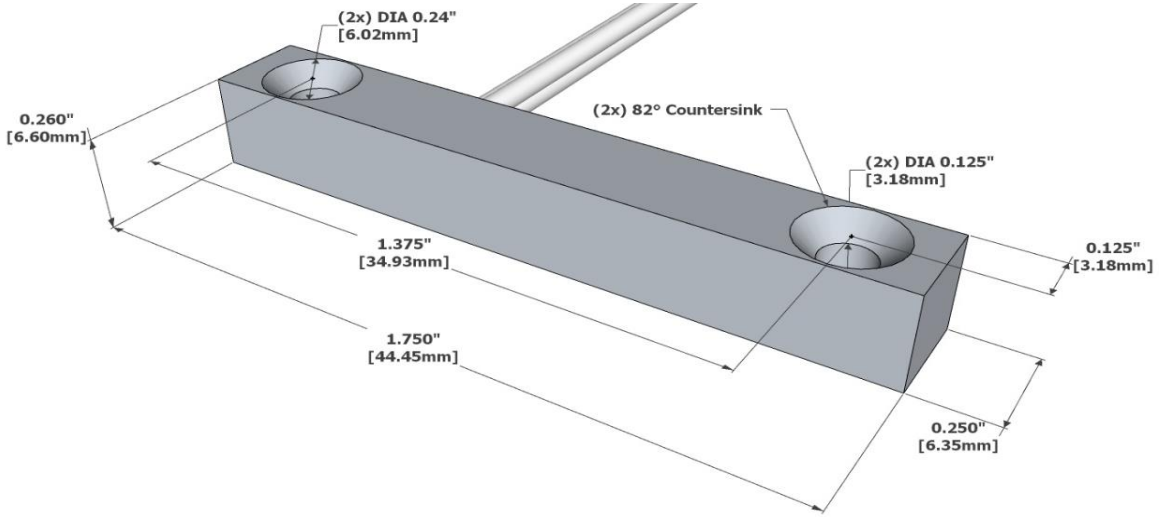
AM2010-1301-10-01 - Magnetic Reed Sensor Only

3730-2010-1301-100-ND - Magnetic Reed Sensor Only

Alternate Part Numbers:

AM2010-1301-10-01

3730-2010-1301-100-ND



All measurements are in Inches [millimeters]

	Sensor (Reed) - Specifications	1901 **	
Physical	Configuration	SPDT	
	Form	C	
	Contact Position	OFFSET	
	Glass L	14.00	mm
	Glass D	2.30	mm
	Total L*	55.00	mm
	Wire D	0.53	mm
	Gap Location		
	Mount Spec*	THRU	
	Contact Material	RHODIUM	
	Max Vibration Resistance	20	G
	Max Shock Resistance (11ms)	50	G
	Lead Tensile Strength	N/A	KG
Operating	Pull in (+/- 2AT)*	15-20	AT
	Drop out*	5	AT
	Operate Time	2.0	ms
	Bounce Time	0.60	ms
	Release Time	0.50	µs
	Resonant Frequency	N/A	Hz
	Max Operating Frequency	250	Hz
	Operating Temperature Range	-40 - 105	°C
	Storage Temperature	N/A	°C
Electrical	DC Contact Rating	20	W
	AC Contact Rating	20	VA
	DC Switching Voltage	150	VDC
	AC Switching Voltage	150	VAC
	DC Switching Current	1.00	A
	AC Switching Current	1.00	A
	DC Max Carry Current	2.00	A
	AC Max Carry Current	2.00	A
	Min Breakdown Voltage	200	VDC
	Max Initial Contact Resistance	150	mOhm
	Typical Initial Contact Resistance	N/A	mOhm
	Max Contact Capacitance	0.80	pF
	Min Insulation Resistance	10^9	Ohm

Sensor - Wire/Cable Characteristics (cont.)

Type	Wire
Conductor Count	3
Length	6.0"/152.4mm
Colors	RED, BLK, WHT
Insulation Material	PVC
Gauge	24 AWG
Stranded Copper	7 STR-TC
Maximum Temp	105°C

Conductor Configuration

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

For More Information Visit:
www.reedswitchdevelopments.com
Or Call Us At:
262-883-9060

Housing Characteristics **2010**

Rectangular w/ Mounting Holes	
Length	1.750"/44.45mm
Width	0.250"/6.35mm
Height	0.260"/6.60mm
Material	Celanex 3316

Standard Sensor/Actuator - Min. Actuation Distance

2010-4002-000	0.50"/12.7mm

Assembly Certifications

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

* Pre-processed, bare reed element ** THIS ASSEMBLY USES ALTERNATE REED

REV DATE: 04/20/2023