REED SWITCH DEVELOPMENTS CORP.

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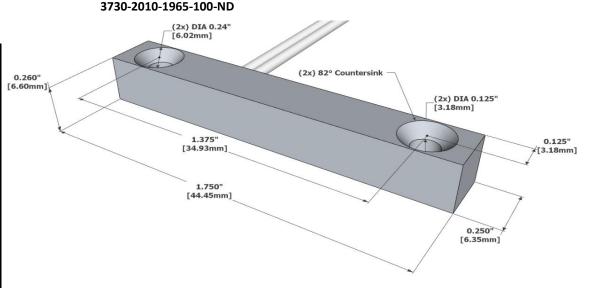
Sensor (Reed) - Specifications 1965 SPST Configuration Α Form **Contact Position** CENTER Glass L 19.00 mm Glass D 2.60 mm 55.00 Total L* mm Wire D 0.70 mm CENTER Gap Location Mount Spec* **THRU** RHODIUM Contact Material 35 Max Vibration Resistance Max Shock Resistance (11ms) 50 Lead Tensile Strength N/A KG Pull in (+/- 2AT)* 20 - 25 ΑT Drop out* 15 ΑТ 2.00 Operate Time ms 0.50 **Bounce Time** ms 0.10 Release Time μs Resonant Frequency 4200 Hz 300 Max Operating Frequency Hz Operating Temperature Range -40 - 105 Storage Temperature N/A °C DC Contact Rating 40 W 40 **AC Contact Rating** VA 400 DC Switching Voltage VDC 400 AC Switching Voltage VAC 2.00 DC Switching Current 2.00 AC Switching Current DC Max Carry Current 3.00 3.00 AC Max Carry Current 1000 Min Breakdown Voltage VDC 80 mOhm Max Initial Contact Resistance N/A Typical Initial Contact Resistance mOhm 0.50 Max Contact Capacitance рF

SPECIFICATION SHEET

2010-1965-100

Alternate Part Numbers:
AM2010-1965-10-01

Active / Equivalent Part Numbers: 2010-1965-100 - Magnetic Reed Sensor Only AM2010-1965-10-01 - Magnetic Reed Sensor Only 3730-2010-1965-100-ND - Magnetic Reed Sensor Only



All measurements are in Inches [millimeters]

Sensor - Wire/Cable Characteristics (cont.)

Type	Wire
Conductor Count	2
Length	6.0"/152.4mm
Colors	BLK
Insulation Material	PVC
Gauge	24 AWG
Stranded Copper	7 STR-TC
Maximum Temp	105°C

Housing Characteristics	2010
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Rectangular w/ Mounting Holes	
Length	1.750"/44.45mm
Width	0.250"/6.35mm
Height	0.260"/6.60mm
Material	Celanex 3316

For More Information Visit:

www.reedswitchdevelopments.com

Or Call Us At: 262-883-9060

Standard Sensor/Actuator - Min. Actuation Distance

2010-4002-000	0.50"/12.7mm
Assembly Certifications	
UL Recognized (File #: E102207)	Υ
RoHS / REACH Compliant	Υ
Conflict Free Material	Υ

* Pre-processed, bare reed element

Min Insulation Resistance

10^11

Ohm

REV DATE: 04/20/2023

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