



REED SWITCH DEVELOPMENTS CORP.

2524 Norwood Court

Racine, WI 53403

Ph: (262)883-9060

sales@reedswitchdevelopments.com

SPECIFICATION SHEET

2020-1710-100

Alternate Part Numbers:

AM2020-1710-10-01

3730-2020-1710-100-ND

Active / Equivalent Part Numbers:

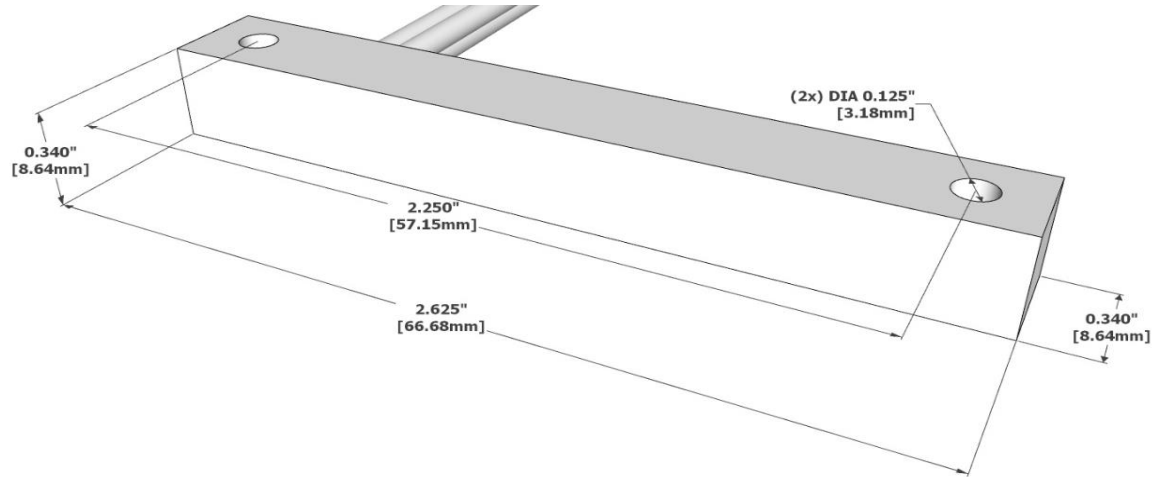
2020-1710-100 - Magnetic Reed Sensor Only

AM2020-1710-10-01 - Magnetic Reed Sensor Only

3730-2020-1710-100-ND - 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	N/A
	Mount Spec*	THRU
	Contact Material	TUNGSTEN
Operating	Max Vibration Resistance	N/A G
	Max Shock Resistance (11ms)	N/A G
	Lead Tensile Strength	N/A KG
	Pull in (+/- 2AT)*	50 - 65 AT
	Drop out*	N/A AT
	Operate Time	4.00 ms
	Bounce Time	N/A ms
	Release Time	3.90 μs
	Resonant Frequency	N/A Hz
	Max Operating Frequency	N/A Hz
Electrical	Operating Temperature Range	-40 - 105 °C
	Storage Temperature	N/A °C
	DC Contact Rating	100 W
	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

* Pre-processed, bare reed element



All measurements are in Inches [millimeters]

Sensor - Wire/Cable Characteristics (cont.)

Type	Wire
Conductor Count	3
Length	6.0"/152.4mm
Colors	RED, BLK, WHT
Insulation Material	PVC
Gauge	22 AWG
Stranded Copper	7 STR-TC
Maximum Temp	105°C

Housing Characteristics 2020

Rectangular w/ Mounting Holes	
Length	2.625"/66.68mm
Width	0.340"/8.64mm
Height	0.340"/8.64mm
Material	Celanex 3316

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

Standard Sensor/Actuator - Min. Actuation Distance

2020-4100-000	0.69"/17.5mm
Assembly Certifications	
UL Recognized (File #: E102207)	Y
RoHS / Reach Compliant	Y
Conflict Free Material	Y

REV DATE: 04/20/2023

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