



**REED SWITCH DEVELOPMENTS CORP.**

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**SPECIFICATION SHEET**

**2060-1900-400**

Alternate Part Number:  
**AM2060-1900-90K01**

**Active / Equivalent Part Numbers:**

**2060-1900-400 - KIT - Contains**

(1) 2060-1900-900 - Magnetic Reed Sensor

(1) 2065-4035-000 - Magnetic Actuator

**AM2060-1900-90K01 - KIT - Contains**

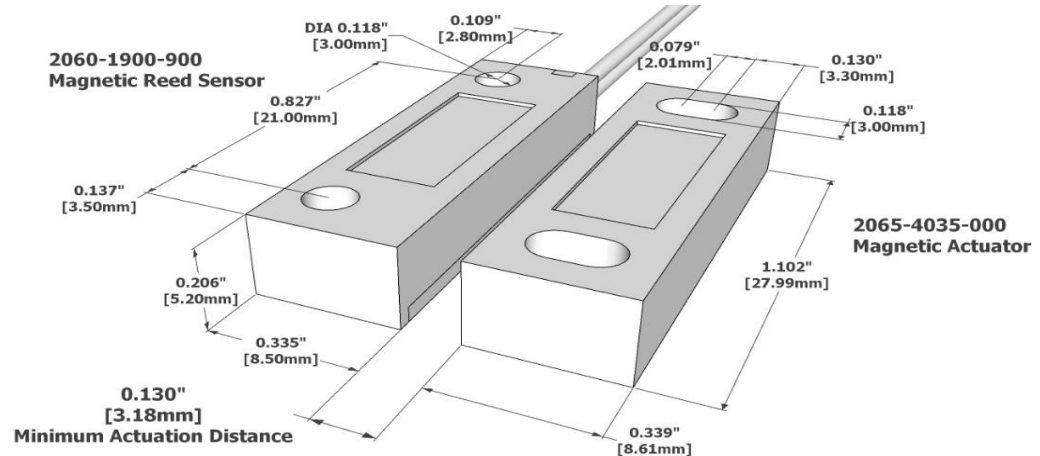
(1) AM2060-1900-90-01 - Magnetic Reed Sensor

(1) AM2065-4035-00-01 - Magnetic Actuator

**Sensor (Reed) - Specifications 1900**

Physical	Configuration	SPST	
	Form	B	
	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	OFFSET	
	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)*	20 - 25	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
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 <sup>9</sup>	Ohm	

\* Pre-processed, bare reed element



All measurements are in Inches [millimeters]

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

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

**Housing Characteristics 2060**

Rectangular w/ Mounting Holes	
Length	1.102"/27.99mm
Width	0.335"/8.51mm
Height	0.206"/5.23mm
Material	Celanex 3316

**Standard Actuator: 2065-4035-000**

Specifications	Description	UM
Magnetic Orientation	Through Length	
Max Operating Temp.	975/525	°F/°C
Curie Temp.	1580/860	°F/°C
BR max	12.8	kGauss
BH max	5.5	MGOe
Coercive Force Hc	640	kOe
Intrinsic Coercive Force Hci	640	kOe

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

2065-4035-000	0.13"/3.3mm
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**Assembly Certifications**

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

REV DATE: 10/06/2021

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**WBE Certified - State of Wisconsin - MFR CAGE CODE: 32604**

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