SPECIFICATION SHEET

2602-1900-400

Alternate Part Number:

AM2602-1900-10K01

Active / Equivalent Part Numbers:
2602-1900-400 - KIT - Contains
  (1) 2602-1900-100 - Magnetic Reed Sensor
  (1) 2602-4002-000 - Magnetic Actuator
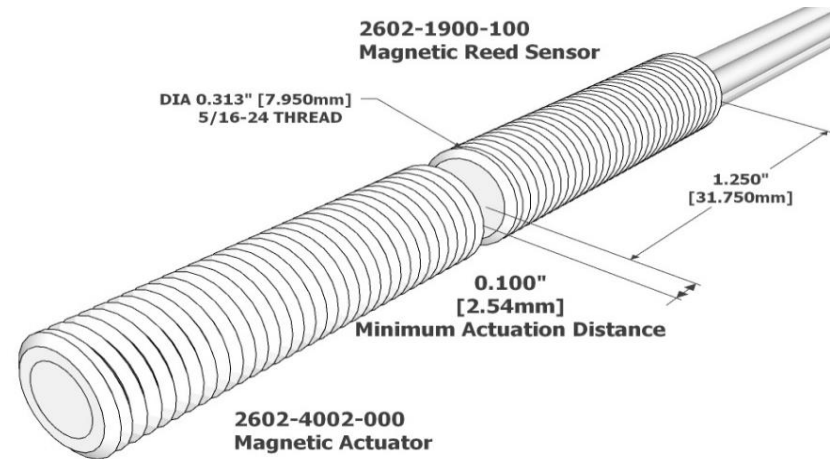**AM2602-1900-10K01 - KIT - Contains**
  (1) AM2602-1900-10-01 - Magnetic Reed Sensor
  (1) AM2602-4002-00-01 - Magnetic Actuator

Sensor (Reed) - Specifications		1900	
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	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	ms
	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

* Pre-processed, bare reed element

2602-1900-100 Magnetic Reed Sensor

DIA 0.313" [7.950mm] 5/16-24 THREAD

1.250" [31.750mm]

0.100" [2.54mm] **Minimum Actuation Distance**

2602-4002-000 Magnetic Actuator

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	24 AWG
Stranded Copper	7 STR-TC
Maximum Temp	105°C

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

Housing Characteristics	2602
Cylindrical Threaded (5/16-24)	
Length	1.250"/31.75mm
Diameter	0.313"/7.95mm
Material	Stainless Steel

Standard Actuator: 2602-4002-000

	Specifications	Description	UM
Physical/Magnetic	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

Std. Sensor/Actuator - Min. Actuation Dist.

2602-4002-000	0.10"/2.5mm

Assembly Certifications

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

REV DATE: 10/06/2021