EED SWITCH DEVELOPMENTS CORP.

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1900

Sensor (Reed) - Specifications

Configuration Form Contact Position Glass L Glass D Total L* Wire D Gap Location Mount Spec* Contact Material Max Vibration Resistance Max Shock Resistance (11ms) Lead Tensile Strength Pull in (+/- 2AT)* Drop out* Operate Time Bounce Time Release Time Resonant Frequency Max Operating Frequency Operating Temperature Range Storage Temperature Range AC Contact Rating DC Switching Voltage DC Switching Voltage DC Switching Current AC Max Carry Current Min Breakdown Voltage Max Contact Capacitance Min Insulation Resistance Configuration Confict Confict Position Configuration Configuration Configuration Configuration Configuration Confict Position Configuration Configurat		Sensor (Reed) - Specifications	190	00
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Drop out* Drop		Lead Tensile Strength	N/A	KG
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Min Breakdown Voltage 200 VDC Max Initial Contact Resistance 150 mOhm Typical Initial Contact Resistance N/A mOhm Max Contact Capacitance 0.80 pF	g	AC Switching Current	1.00	Α
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The second secon		Typical Initial Contact Resistance	N/A	mOhm
Min Insulation Resistance 10^9 Ohm		Max Contact Capacitance	0.80	pF
	L	Min Insulation Resistance	10^9	Ohm

SPECIFICATION SHEET

2230-1900-400

Alternate Part Number:

AM2230-1900-10K01

Active / Equivalent Part Numbers:

2230-1900-400 - KIT - Contains

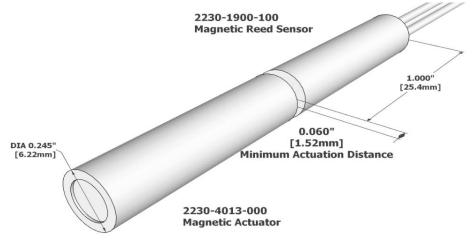
(1) 2230-1900-100 - Magnetic Reed Sensor

(1) 2230-4013-000 - Magnetic Actuator

AM2230-1900-10K01 - KIT - Contains

(1) AM2230-1900-10-01 - Magnetic Reed Sensor

(1) AM2230-4013-00-01 - 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		

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

Housing Characteristics	2230
Cylindrical Smooth	

Cylindrical Smooth	
Length	1.000"/25.40mm
Diameter	0.245"/6.22mm
Material	Celanex 3316

Standard Actuator: 2230-4013-000

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	MG0e
Coercive Force Hc	640	kOe
Intrinsic Coercive Force Hci	640	kOe
	Magnetic Orientation Max Operating Temp. Curie Temp. BR max BH max Coercive Force Hc	Magnetic Orientation Through Length Max Operating Temp. 975/525 Curie Temp. 1580/860 BR max 12.8 BH max 5.5 Coercive Force Hc 640

Std. Sensor/Actuator - Min. Actuation Dist.

2230-4013-000	0.06"/1.52mm	

Assembly Certifications

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

REV DATE: 10/06/2021

* Pre-processed, bare reed element

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