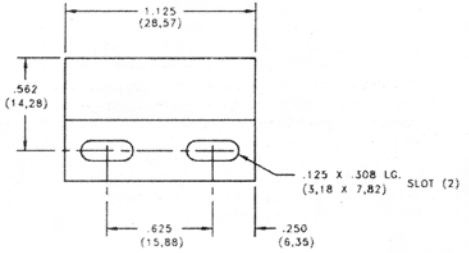
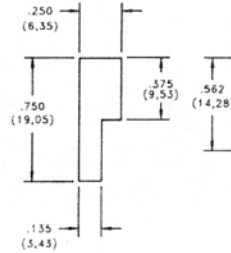
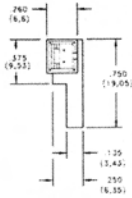
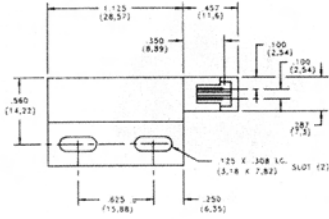
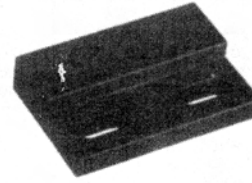
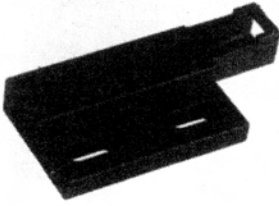


SENSOR 59105 series

ACTUATOR 57105



U.L. File# E61760 (N) ±0.010 (0.25) Tolerance

AVAILABLE CONTACTS

	Form A SPST-NO		Form A - H.V. (2) SPST-NO		Form C SPDT-CO		Form B SPST-NC	
Sensor Number	59065-010	59085-010	59065-020	—	59065-030	—	59065-040	59085-040
	59070-010		59070-020		59070-030		59070-040	
	59105-010		59105-020		59105-040			

ELECTRICAL CHARACTERISTICS

Contact Rating (1)	Watts. Maximum	10	5	10	5	5	10	
Voltage	Switching	Vdc. Maximum	200	175	300	175	175	200
	Breakdown	Vdc. Minimum	250	200	450	200	200	250
Current	Switching	Amps. Maximum	.500	.250	500	.250	.250	500
	Contact Initial	Ohms. Maximum	.200	.200	200	.200	200	200

OPERATING CHARACTERISTICS

Operate Time	ms. typical	.6	.7	.6	.7	.7	.6
Shock Without False Operation	G's Max., 11ms 1/2 sine wave	100	50	100	50	50	100
Operating Temperature	Degrees Celsius	-40 to +105		-20 to +105		-40 to +105	

LOAD/LIFE CHARACTERISTICS (millions of operations)

Load Operations	5Vdc, 10ma		5Vdc, 10ma		5Vdc, 10ma		5Vdc, 10ma	
		100	50	100	50	50	100	100
Load Operations	24Vdc, 250ma		24Vdc, 250ma		24Vdc, 250ma		24Vdc, 250ma	
		2	5	50	5	5	2	2

MUST OPERATE AND RELEASE DISTANCES

Sensor Type	Actuator	Actuating Position	Must Operate	Must Release	Must Operate	Must Release	Must Operate	Must Release	Must Operate	Must Release
59065 series	57065-000	A	59065-010		59065-020		59065-030		59065-040	
			.150/(3.81)	.800/(20.32)	.150/(3.81)	.800/(20.32)	.150/(3.81)	.800/(20.32)	.150/(3.81)	.800/(20.32)
59070 series	57070-000	A	59070-010		59070-020		59070-030		59070-040	
			.150/(3.81)	.800/(20.32)	.150/(3.81)	.800/(20.32)	.150/(3.81)	.800/(20.32)	.150/(3.81)	.800/(20.32)
59085 series	—	B	59085-010		—		59085-030		59085-040	
			.100/(2.54)	.250/(6.35)			.100/(2.54)	.250/(6.35)	.100/(2.54)	.250/(6.35)
59105 series	57105-000	C	59105-010		59105-020		—		59105-040	
			.150/(3.81)	.800/(20.32)	.150/(3.81)	.800/(20.32)			.150/(3.81)	.800/(20.32)

(1) Product of switching voltage and current must not exceed wattage rating.

(2) Form A -H.V. represents high voltage.