



Benefits

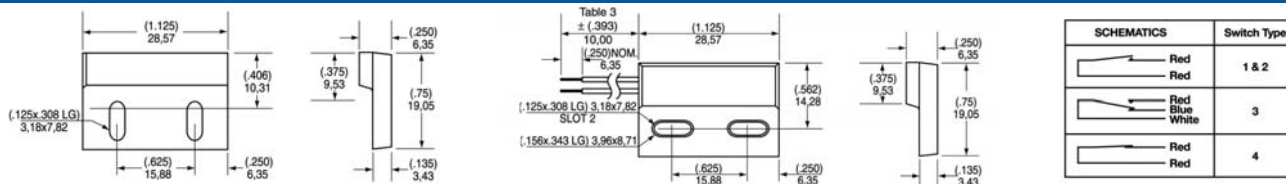
Applications

- 2 part magnetically operated proximity sensor
- High temperature rated
- Cross-slotted mounting holes for optimum adjustability
- Standard, high voltage or change over contacts
- Customer defined sensitivity
- Choice of cable length and connector

- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminium
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contamination
- Simple installation and adjustment

- Position and limit sensing
- Security system switch
- Linear actuators
- Door switch

DIMENSIONS (in) mm



CUSTOMER OPTIONS - Switching Specifications

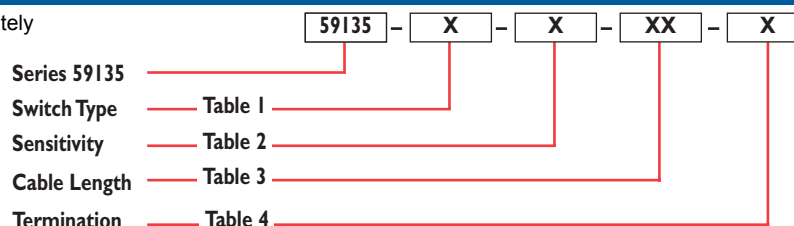
TABLE I			Normally	Normally Open	Change	Normally
Contact Type			Open	High Voltage	Over	Closed
Switch Type			1	2	3	4
	Power	Watt - max.	10	10	5	5
Voltage	Switching	Vdc - max.	200	300	175	175
	Breakdown	Vdc - min.	250	450	200	200
Current	Switching	A - max.	0.5	0.5	0.25	0.25
	Carry	A - max.	1.2	1.5	1.5	1.5
Resistance	Contact, Initial	Ω - max.	0.2	0.2	0.2	0.2
	Insulation	Ω - min.	10^{10}	10^{10}	10^9	10^9
Capacitance	Contact	pF - typ.	0.3	0.2	0.3	0.3
Temperature	Operating	$^{\circ}\text{C}$	-40 to +150	-20 to +150	-40 to +150	-40 to +150
	Storage	$^{\circ}\text{C}$	-65 to +150	-65 to +150	-65 to +150	-65 to +150
Time	Operate	ms - max.	1.0	1.0	3.0	3.0
	Release	ms - max.	1.0	1.0	3.0	3.0
Shock	11ms 1/2 sine	G - max.	100	100	50	50
Vibration	50-2000 Hz	G - max.	30	30	30	30

CUSTOMER OPTIONS - Sensitivity, Cable Length and Termination Specification

TABLE 2					TABLE 3					TABLE 4				
Sensitivity Options:- Activate Distances are approximate using Hamlin 57135 actuator as illustrated Switch AT before modification					Cable Type:- 20 AWG 19/32 FEP ULW1130/UL1332					Termination Options:-				
					Standard Lengths					SELECT OPTION TERMINATION (2 WIRE VERSIONS ILLUSTRATED)				
Switch Type Pull In AT Range Activate Distance d (in) mm Pull In AT Range Activate Distance d (in) mm Pull In AT Range Activate Distance d (in) mm Pull In AT Range Activate Distance d (in) mm					SELECT OPTION CABLE LENGTH (in) mm					A or F Tinned or untinned leads				
1 Normally Open 12-18 (.748) 17-23 (1.709) 22-28 (1.630) 27-33 (1.591)					01 (3.94) 100					C 6.35mm fastons				
2 High Voltage 19.0 18.0 16.0 15.0					02 (11.81) 300					D AMP MTE 2.54mm pitch				
3 Change Over 15-20 (.650) 20-25 (.591) 25-30 (.531)					03 (19.69) 500					E JST XHP 2.5mm pitch				
4 Normally Closed 16.5 15.0 13.5					04 (29.53) 750									
					05 (39.37) 1000									

ORDERING INFORMATION

N.B. 57135 actuator sold separately



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