

59010 Sub-Miniature Firecracker



Features

- Magnetically operated proximity sensor
- Compact size requires only 3mm diameter hole
- Choice of contact types
- Customer defined sensitivity
- Choice of cable length

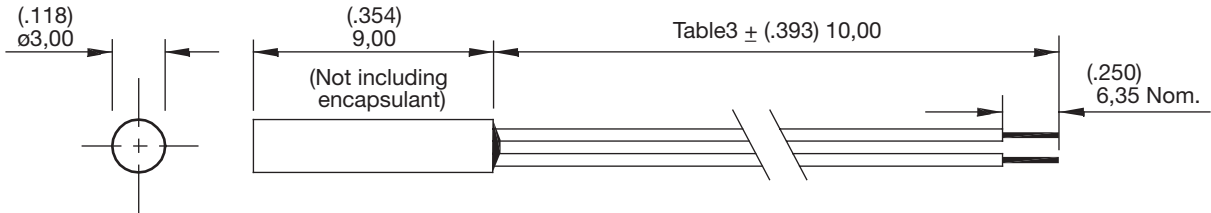
Benefits

- No standby power requirement
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contamination
- Simple installation and adjustment

Applications

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

DIMENSIONS (in) mm



SPECIFICATIONS

TABLE 1			Normally Open
Contact Type			
Switch Type			1
Contact Rating			5
Voltage	Power	Watt - max.	5
	Switching	Vdc - max.	175
Current	Breakdown	Vdc - min.	200
	Switching	A - max.	0.35
Resistance	Carry	A - max.	0.35
	Contact, Initial	Ω - max.	0.16
Capacitance	Insulation	Ω - min.	10 ¹²
	Contact	pF - typ.	0.2
Temperature	Operating	°C	-40 to +85
	Storage	°C	-65 to +85
Time	Operate	ms - max.	0.35
	Release	us - max.	20
Shock	11ms 1/2 sine	G - max.	150
Vibration	50-2000 Hz	G - max.	10

CUSTOMER OPTIONS - Sensitivity, Cable Length and Termination Specification

TABLE 2

Sensitivity Options:-
Activate Distances are approximate using Hamlin 57020 actuator as illustrated
Switch AT before modification

Select Option	S		T	
	Pull In AT Range	Activate Distance d (in) mm	Pull In AT Range	Activate Distance d (in) mm
I Normally Open	5-10	(.236) 6.0	10-15	(.177) 4.5

TABLE 3

Cable Length Options:-
(Cable Type 30 AWG 7/38 PTFE 200°C MIL-W-16878/6)

SELECT OPTION	CABLE LENGTH (in) mm
01	(3,94) 100
02	(11,81) 300
03	(19,69) 500
04	(29,53) 750
05	(39,37) 1000

TABLE 4

Termination Options:-

SELECT OPTION	DESCRIPTION
A	Tinned leads
F	Untinned leads

ORDERING INFORMATION



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