

SURFACE MOUNT HIGH SECURITY MAGNETIC CONTACT FL2-100

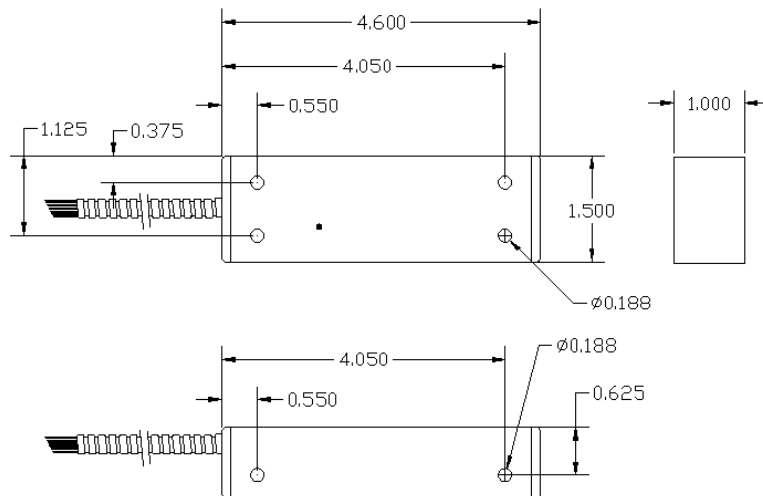


FLAIR ELECTRONICS



FEATURES:

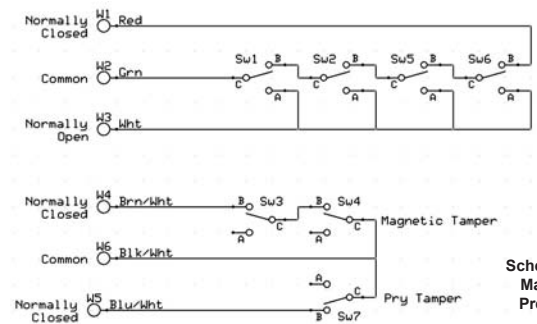
- * FlairGuard Biased Balanced Magnetic Switch
- * Surface Mount Switch and Magnet
- * 36" Armored Cable, #22 AWG Wire Leads
- * Magnetic Tamper and Pry Tamper
- * Aluminum Case with Urethane Potting for maximum resistance to harsh environments
- * Lifetime Warranty
- * UL Listed Std 634, Level II
- * Patent Pending



SWITCH AND MAGNET DIMENSIONS

WIRE COLOR CODE BASED ON LOOP TYPE WHEN MAGNET IS PRESENT

		Common	Closed	Open
Loop	Door Switch	Green	Red	White
	Magnetic Tamper	Black/White	Brown/White	
	Pry Tamper	Black/White	Blue/White	



Schematic:
Magnet
Present

PRINCIPAL OF OPERATION: The Flair FL2-100 Biased Balanced Magnetic Switch utilizes multiple Form C high reliability Rhodium plated reed switches biased for high security and encapsulated in urethane potting compound inside an aluminum case. The switch configuration is SPDT. There are also a NC magnetic tamper that will trip when an external magnet is placed near the switch and a NC pry tamper which will trip should the switch be removed from the spacer.

End-of-line resistors may be used to allow a pre-determined trickle of current to flow and permit operation from a supervised line at all times. See Installation Instructions for more information.

SPECIFICATIONS

ELECTRICAL:

Circuit: SPDT Door Switch
NC Magnetic Tamper
NC Pry Tamper
(Magnet Present)

Voltage: 30VDC Max.
Current: 20ma. Max.
Wattage: 3W Max.

MECHANICAL:

Gap when mounted 0.062" (0.04" - 0.10")
with plastic spacer
Housing Aluminum