

# HIGH SECURITY "BALANCED" MAGNETIC CONTACTS



## MSS100-17 AND MSS100-19



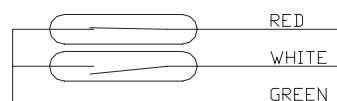
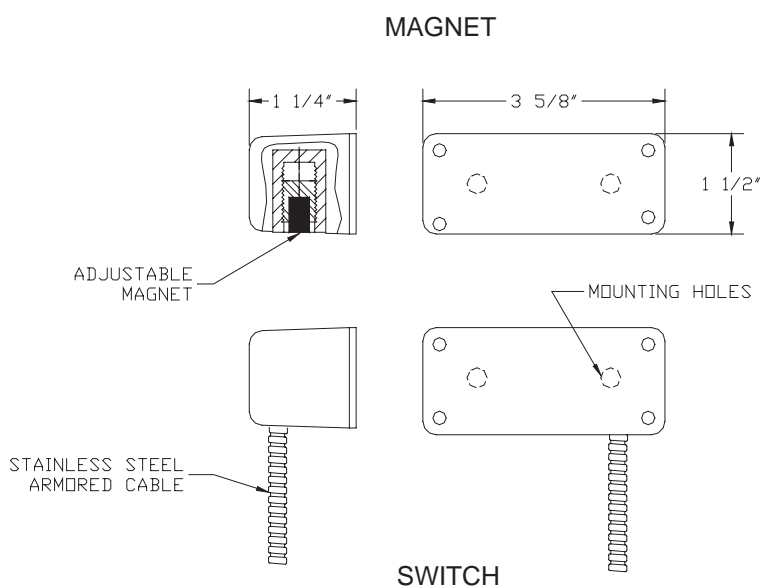
### FEATURES:

- \* Surface Mount High Security Magnetic Contact
- \* 18" Armored Cable with #22/3 AWG Leads
- \* Hidden mounting holes under top cover
- \* Epoxy Sealed for maximum resistance to harsh environment
- \* MSS100-19 has built in test coil and tampered switch cover
- \* Lifetime warranty
- \* Safety Approvals UL 634 Burglar Alarm and UL 681 Safes and Vaults



**PRINCIPAL OF OPERATION:** The Flair MSS100-17 and MSS100-19 Balanced Magnetic Contacts utilize two high reliability Rhodium plated reed switches of different sensitivity encapsulated in epoxy inside a surface mounted die cast aluminum case. When the rare earth magnet is in place and properly adjusted, one switch will be open and the other will be closed. This normal configuration will change should one of the following occur; (1) the normally closed switch will open by either the deliberate shunting of the magnetic field or if the door/window is opened, (2) the addition of a magnetic field of the same polarity as the contact magnet will cause the normally open switch to close, and (3) the addition of a magnetic field of opposite polarity as the contact magnet will cause the normally closed switch to open.

An end-of-line resistor may be used to allow a pre-determined trickle of current to flow and permit operation from a supervised line at all times. A change in current when the switch closes causes a signal to activate the alarm. See Installation Instructions for more information.



Electrical Configuration  
Magnet Set At "Balance"

### SPECIFICATIONS

#### ELECTRICAL

Circuit: SPDT Balanced  
Voltage: 130VDC Max.  
Current: 50ma. Max.  
Wattage: 10 Max.

#### MECHANICAL

Gap 1/8" TO 1/4"  
Housing Die Cast Aluminum