

**RECESSED 1" DIA.
SPDT BALANCED MAGNETIC SWITCH
MSS100-6Y BMS**

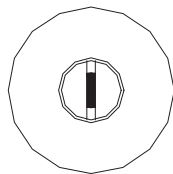


FEATURES:

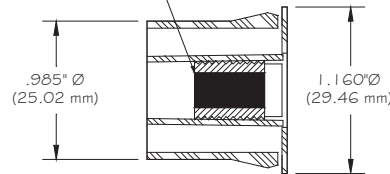
- * 1" Dia. Recessed Magnetic Contact
- * 12" #22 AWG Wire Leads
- * Adjustable Rare Earth Magnet
- * Self Locking in Steel and Wood
- * Balanced Magnetic Configuration with Magnetic Tamper
- * Colors: White, Brown, Black and Gray
- * Lifetime Warranty
- * Safety Approvals



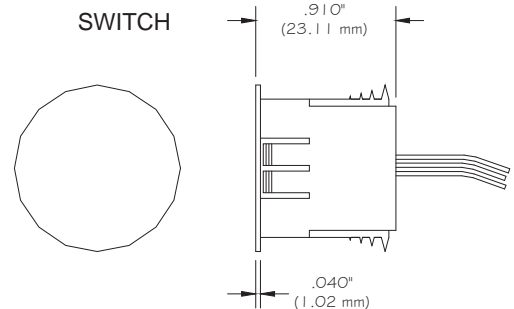
MAGNET HOLDER AND Ø 1/4" X 1/2" RARE EARTH MAGNET
MAGNET HOLDER SCREWS IN AND OUT TO ADJUST GAP



ADJUSTABLE MAGNET



SWITCH



PRINCIPAL OF OPERATION: The Flair MSS100-6Y BMS Balanced Magnetic Contact utilizes two high reliability Rhodium plated reed switches, one of the two reed switches being of different sensitivity, encapsulated in epoxy inside a recessed mounted fire retardant case. This results in SPST configuration with magnetic tamper. When the rare earth magnet is in place and properly adjusted (balanced), the magnetic tamper switch will be in a state opposite to the other switch. This normal configuration will change should one of the following occur; (1) switches 1 and 2 will change state by either the deliberate shunting of the magnetic field or if the door/window is opened, and (2) the addition of a magnetic field such as an external magnet will cause the magnetic tamper switch 2 to change state.

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. Call Flair to request help with specifying the correct resistors. See Installation Instructions for more information.

**WIRE COLOR CODE BASED ON LOOP TYPE
WHEN MAGNET IS PRESENT**

		Common	Closed	Open
Loop	Switch 1	Green	Red	
	Switch 2 Magnetic Tamper	Black/White		Blue/White

SPECIFICATIONS

ELECTRICAL:

Circuit: SPST with Magnetic Tamper
Voltage: 100VDC Max.
Current: 50ma. Max.
Wattage: 10 Max.

MECHANICAL:

Gap in steel: 0" TO 3/8"
Housing: Fire Retardant High Impact Plastic