

SURFACE MOUNT SPDT BALANCED MAGNETIC SWITCH 1000-64WY BMS

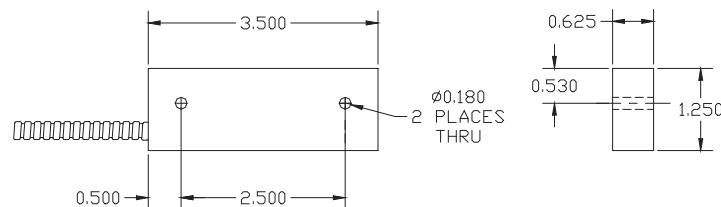


FEATURES:

- * Surface Mount Switch and Magnet
- * 18" Armored Cable, #22 AWG Wire Leads
- * Wide Gap
- * Balanced Magnetic Configuration with magnetic tamper
- * Solid Aluminum Case
- * Lifetime Warranty
- * Safety Approvals



**SWITCH AND MAGNET
DIMENSIONS**



PRINCIPAL OF OPERATION: The Flair 1000-64WY BMS Balanced Magnetic Contact utilizes two Form C high reliability Rhodium plated reed switches, one of the two reed switches being of different sensitivity, encapsulated in epoxy inside a solid aluminum case. This results in SPDT configuration with magnetic tamper. When the rare earth magnet is in place and properly adjusted (balanced), the magnetic tamper switch 2 will be in a state opposite to the switch 1. This normal configuration will change should one of the following occur; (1) switches 1 and 3 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	White
	Switch 2 Magnetic Tamper	Black/White	Brown/White	Blue/White

SPECIFICATIONS

ELECTRICAL:

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

MECHANICAL:

Gap on steel	1 1/2" TO 1 3/4"
Housing	Solid Aluminum Construction